

## **Historic, Archive Document**

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# HARNDEN SEED CO.

A detailed black and white illustration of various vegetables. In the upper left, there are leafy greens. Below them are several round beets with long, dark stems. In the lower right, a large, white globe onion is shown with its roots. The background is a textured, light gray.

1913

1886

HARNDEN'S  
EARLY  
MARKET BEET

*Kansas City,  
Mo.*

SOUTHPORT  
WHITE GLOBE ONION

STECHER CO., ROCHESTER, N.Y.



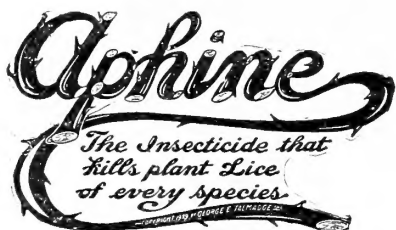
**APHIS PUNK**—Is a special preparation of Nicotine for the extermination of green and black fly, thrip, etc. in green houses and conservatories. Price 60c.

**APHINE**—The insecticide which kills green, black and white fly, brown, white and Belgium scale, red spider, thrip and mealy bug. In fact it does better work than any other insecticide known. Recommended by the leading entomologists of the country. Full directions with each package.

Prices as follows:

$\frac{1}{2}$ pint cans .....	\$0.40
Pint cans .....	0.65
Quart cans .....	1.00
Gallon cans .....	2.50

NOT PREPAID.



**ARSENATE OF LEAD**—1 lb., 25c; 2 lbs., 45c; 5 lbs., \$1.00; 25 lb. and 50 lb. kegs at 16c; 200 lb. and 400 lb. barrels at 12 $\frac{1}{2}$ c.

## The French Bordeaux Mixture

In Fine Pulp or Liquid Form

The finest and best article of its kind made in America. Ready for immediate use. Works freely, without clogging, in any spraying machine. To be diluted 25 to 50 times with water and sprayed. The uniformity of its consistence permits of very fine spray and consequent large economical distribution of a small quantity evenly over a large area of surface. Prevents black rot, mildew and rust. Destroys fungous growth on vegetables. 1 Qt. can, 50c; Gal., \$1.50.

**BLACK LEAF—40**—A concentrated solution of Nicotine-Sulphate, is particularly desirable for all purposes requiring nicotine solution possessing "lasting properties."  $\frac{1}{2}$  lb. 85c. 2 $\frac{1}{2}$  lb. can, \$3.25; 10 $\frac{1}{2}$  lb. can, 12.50.

**GRAPE DUST**—Destroys mildews, prevents blights in greenhouse or hotbeds. 5 lb. pks., 40c.

**HELLEBORE**— $\frac{1}{2}$  lb., 15c; 1 lb., 25c; 5 lbs., \$1.00.

**KEROSENE EMULSION**—To kill hairy caterpillars. 1 Qt. 50c; Gal. \$1.50

**NICO FUME (TOBACCO PAPER)**—Sure death to black and green fly, also to thrips. In fact kills everything affected. Very easy to use and not the least disagreeable. Complete instructions with each package. Price for  $\frac{1}{2}$  lb. can, 75c. Not prepaid.

**NICOTINE**—It is a most powerful insecticide and when used as a spray protects plants, shrubs, blooms, trees and all foliage from the attacks of insects. Small bottle 40c;  $\frac{1}{2}$  pint, 75c; 1 pint \$1.50.

**PARIS GREEN**—1 lb. to 50 gallons of water.  $\frac{1}{4}$  lb., 10c;  $\frac{1}{2}$  lb., 15c; 1 lb., 25c; 5 lb. at 22 $\frac{1}{2}$ c; 14, 28 and 56 lb. keg at 19c per lb.

## Hammond's Slug Shot

Is One of the Great Staple Remedies to Destroy Insects That Prey on Plants of All Kinds  
Perforated top carton for small gardens, dusting fowls, dogs or cats for lice. Price filled, 15c.  
Perforated tin screw top canister for house plants. Can be refilled. Price, 25c.

5-Pound Package .....	\$0.35
10-Pound Package .....	0.65
25-Pound Package .....	1.45
Per 100 Pounds .....	6.00

**SANITINE**—The best ant, roach and insect exterminator known. Very easy to use and not poisonous. Is clean and has an agreeable odor. It is also used as a disinfectant. Pint bottle, 50c. Not prepaid.



**SULPHO TOBACCO SOAP**—3 oz. cake 10c; 8 oz., 20c. Not prepaid. If by mail, add 1c per ounce.

**TOBACCO DUST**—For fumigating. 10c per lb; 3 for 25c.

**TOBACCO DUST**—Fine for spraying. 10c per lb.; 3 for 25c

**HAND DUST SPRAYER**—for applying. 1.00 each.

**TOBACCO EXTRACT**—For vaporizing and spraying. Destroys Aphides and red spiders. 50c per pt.

**WHALE OIL SOAP**—Makes an excellent wash for trees and plants where insects and eggs affect the bark.  $\frac{1}{4}$  lb. box, 10c;  $\frac{1}{2}$  lb. box, 15c.



**505  
Walnut Street**

# Kansas City, Mo.

Date.....Forward by [State whether wanted by  
Mail, Express or Freight]

Name .....

Street, P. O. Box or  
Rural Delivery.....

Post Office.....

**Express Office** [If Different]  
From P. O. ....

**County** ..... **State** .....

**Amount Enclosed** State whether P. O. Order,  
Express Money Order, Draft,  
Postage Stamps or Cash

\$

**Please Do Not Write Here**

GATE CITY PRESS, KANSAS CITY, MO.

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# The Harnden Seed Company's

## Annual Catalog

For 1913

Twenty-seven years ago since we started and our business has grown with Kansas City. We now have two stores, one 505 Walnut Street, where we have been for twenty-one years. Our up-town store is located at 1418 Grand Avenue, where we carry everything in seeds, bulbs, etc. We have just established a cut flower department and have in charge a competent florist and will appreciate your orders for flowers and designs for all occasions as well as seeds, poultry supplies, tools, etc. From the rapid growth of our business each year, it is evident that our seeds are giving satisfaction and our aim has been, and is, to give the best seeds and other goods in our line obtainable, and we take every precaution to do so. Our seeds are all tested before we offer them for sale, and selected with the greatest care for this section of the country. We do not catalogue varieties of seeds until they have been thoroughly tested in our climate and have proven satisfactory and desirable varieties.

### OUR CATALOGUES.

Our catalogues are issued twice a year, general seed catalogue January first, and bulb catalogue September first for fall planting. These are sent out on application. We will appreciate the names and addresses of your friends who are likely to buy seeds, etc., during the season. If you will send them in with your order we will see that they get our catalogue and other advertising matter. We deliver to all parts of Kansas City, Mo., and Kansas City, Kansas, on orders amounting to one dollar and over, and to all railroads and express offices in Kansas City. Our customers will find it very convenient to use the parcel post as we can now send by mail eleven pounds to any part of the United States.

**SEED BY MAIL**—We pay postage on all vegetable and flower seeds offered in this catalogue by **packet, ounce, quarter pound and pound**, unless otherwise noted. We guarantee safe delivery by mail, postage prepaid.

**SEEDS BY EXPRESS OR FREIGHT**—When Seeds are ordered sent by Freight or Express not prepaid **8 cents for a pound** may be deducted from prices in this catalogue.

**PINTS AND QUARTS**—Pints, Quarts and Four Quarts, ordered at list prices, **15 cents per quart, 8 cents per pint**, must be added for postage or express charges and they will then be sent free.

**PECK, BUSHEL AND BARREL LOTS**—The Freight or Express charges must be paid by purchasers when shipment is received.

**MARKET GARDENERS OR OTHER LARGE PLANTERS** requiring larger quantities of Seeds than are here quoted are invited to write for **Our Special Price List**. This we cannot send to private gardeners, as it is intended only for those who grow for market. In writing, please state whether you are a Market Gardener, Florist or Dealer in Seeds.

**It pays to order heavy seeds and large quantities by Freight or Express, but it must be done somewhat earlier in the season to insure delivery on time.**

**IN REMITTING Send Money** by Express, Kansas City Draft, Registered Letter or P. O. Money Order, we also take postage stamps to any amount. We do not send goods C. O. D. unless 50 per cent of the money is sent with order.

### DISCOUNTS.

#### 1—On Seeds in Packets and Ounces:

Purchasers may make selections of seeds in **Packets and Ounces** at the following discounts:

When sending \$1.00, to the value of \$1.25.

When sending \$2.00, to the value of \$2.50.

When sending \$3.00, to the value of \$3.75.

When sending \$4.00, to the value of \$5.00.

When sending \$5.00, to the value of \$6.25.

These discounts do not apply to seeds sold in larger quantities than one ounce, nor on collections, bulbs, plants, or tools. For all of these the published prices must be sent.

#### 2—On Seeds in Bulk.

From catalogue prices by the  $\frac{1}{4}$  pounds, pounds, peck or bushel (except on grass, clover and other field seeds), when cash is sent with order, purchaser may deduct 5 per cent on an order of from \$3.00 to \$5.00 and 10 per cent on an order from \$6.00 to \$10.00.

### OUR GUARANTEE.

So many different conditions may arise regarding the germination or growth of seeds, bulbs, or plants, such as planting too shallow, or too deep, destruction by insects, frosts, chemical changes, etc., that we are forced to sell our seeds under the non-guarantee rule by all seedsmen, viz.: The Harnden Seed Company, while they exercise the greatest care in the selection of their seeds, give no warranty, express or implied, as to description, purity, productiveness of any seeds, bulbs or shrubs they send out and they do not in any way guarantee them to grow or be responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

## ASPARAGUS

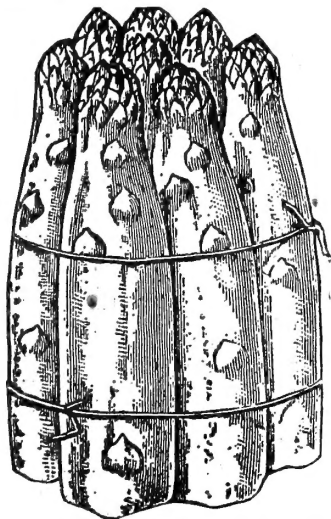
Prices Prepaid by Mail or Express.

**Culture**—The permanent beds should be prepared by deep plowing or spading and thoroughly enriching the ground with stable manure or other fertilizers. Set out in beds 5 feet wide, three rows in a bed, the outer being each 1 foot from the edge, and 12 inches in the row; set the plants with roots well spread, about 6 inches below the surface. After the plants are well started, give frequent and thorough cultivation. In autumn, after the tops are fully ripe and yellow, they should be cut and burned and a good dressing of manure applied, and in the spring forked in, after which one quart of salt to each square rod put on the ground will be found very beneficial. The next season the bed may be cut over two or three times, but if this is done, all the roots, no matter how small, should be cut, and after the final cutting, give a good dressing of manure and frequent cultivation. For market on a large scale, set 4 feet apart one way and 1½ the other; to grow plants from seed, sow in drills 1 inch deep in rows 1 foot apart; soak the seed before planting.

**Argenteuil**—Grows to large size. Vigorous, free from rust. Delightful flavor. Per packet, 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

**Conover's Colossal**—A productive and popular sort, and probably as good as any. Pkt., 5c; oz. 10c; ¼ lb., 20c; 1 lb., 50c.

**Palmetto**—Earlier than the Colossal. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 60c.



Columbian Mammoth White.

**Columbian Mammoth White**—A new variety with white shoots, stay white without earthing up or blanching. Pkt. 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**Asparagus Roots**—By purchasing good, strong roots, two years' time is saved. At prices given by express, purchaser pays the charges when received.

### STRONG TWO-YEAR-OLD ROOTS.

By mail postpaid By exp. not paid  
Doz 100 100 1,000

Columbian Mammoth White...	25c	\$1.35	\$1.00	\$5.50
Palmetto.....	25c	1.35	1.00	5.50
Conover's Colossal.....	25c	1.35	1.00	5.50

50 at the 100 rate. 500 at the 1,000 rate. Special prices on larger quantities.

**Asparagus Culture**—A book giving all possible details as to growing, soil, marketing, canning, etc., for home use or market; cloth, 60c, postpaid.

## BEANS—Dwarf or Bush Varieties



Stringless Green Pod.

Prices on Beans are not prepaid. If to go by mail add 8c per pint, 15c per quart.

**Culture**—The best soil adapted is a light rich, well-drained loam, which has been manured for a previous crop; do not plant before the ground becomes dry and warm, drop the seed in drills from 2 to 3 feet apart, leaving two to four plants to the foot of row; cultivate them frequently up to the time of blossoming, but never disturb them when the ground or plants are wet with rain or dew; beans should be cultivated very shallow, as any cutting of roots after the plants come into bloom is liable to cause the blossoms to blast.

## Green Podded Varieties

**Stringless Green Pod (Burpees)**—Earliest Green Podded Bush Bean. For either the market or home garden, no other green podded bean can be more highly recommended. It is very early. The pods are a rich green, very round and straight, five inches long. The pods are tender, bright and of the finest flavor, entirely stringless. Pkt., 10c; pt., 15c; qt., 30c; pk., \$2.00.

**Giant Stringless Green Pod**—A very productive variety, pods long, straight, of a very handsome appearance. A few days later than stringless Green Pod. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.75.

**Full Measure**—Produces a round, stringless green pod. The variety is early and remarkably prolific for an early sort. The pods are perfectly stringless and the quality is first class. The pods usually grow from 6 to 7 inches in length and ½ of an inch in diameter, making them nearly as large in diameter as Burpee's Stringless Green Pod and somewhat longer. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.50.

**Extra Early Round Pod Red Valentine**—For snaps there is nothing superior to this variety among the older green podded sorts. These plants are of dwarf, compact bush growth, fifteen to eighteen inches high; very prolific, hardy and early in maturing. Pods medium length, curved cylindrical, with crease in back; fleshy, crisp and tender. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.50.

**Black Valentine**—An extremely early, vigorous growing green podded variety, earlier than Red Valentine, very long and slender round pods of exceptional quality. As a variety for very early planting it stands cold and damp soil better than any other sort, absolutely rust proof, seed black. Pkt., 10c; pt., 15c; qt., 30c; pk., \$2.

## GREEN POD VARIETIES—Continued

**Extra Early Yellow Six Weeks**—Seeds yellowish drab, pods long, straight and when young of good quality. Pkt., 10c; pt., 15c; qt., 25c; pk., \$1.25.

**Longfellow**—Vigorous in growth, 16 inches tall, bearing abundance of pods 5 to 6 inches long, round, slightly curved, stringless when young, of good quality. Seed small, long, color mostly a dark red relieved by blotches and markings of a lighter shade. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.50.

**Bush Lima (Burpee's)**—The bushes grow from 18 to 20 inches high, of stout growth and always erect. It is an immense yielder, each bush bearing from 50 to 200 large, handsome pods, well filled with very large beans, which are identical in size and luscious flavor to the well-known large Pole Limas. Pkt., 10c; pt., 20c; qt., 35c; pk., \$1.75.

**Bush Lima (Henderson's)**—Grows without poles in compact bush form, about 18 inches high. Very productive; two weeks earlier than any of the Pole Limas. Pkt., 10c; pt., 20c; qt., 35c; pk., \$1.75.

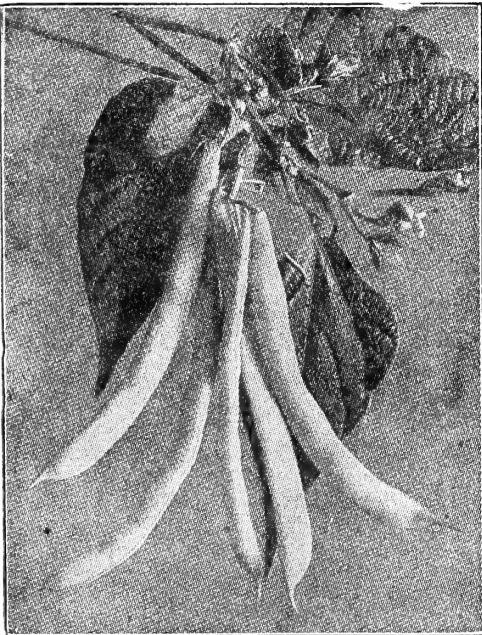
## Wax Podded Varieties

When not otherwise priced are each, per pkt., 10c; per pt., 15c; per qt., 30c; per peck, \$1.75.

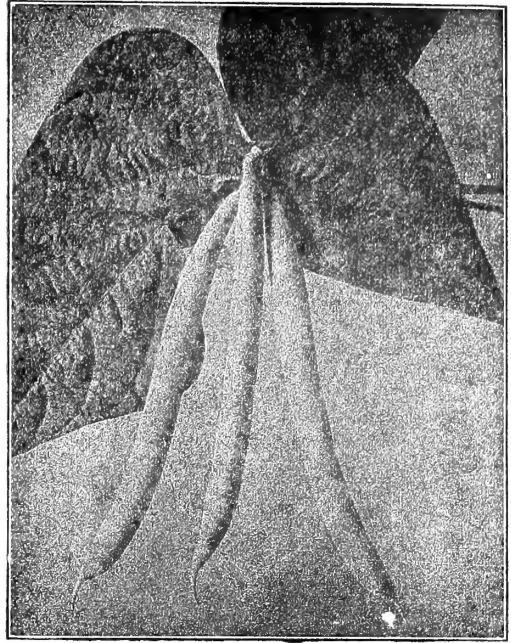
**Improved Prolific Black Wax**—Beans small, jet black; pods round, medium length, curved, fleshy, and of a clear waxy yellow color, with long, slightly curved point. This bean is more extensively used by the market gardeners than any other variety of the wax sort.

**Currie's Rust-Proof Black Wax**—We recommend this to our market gardener as an especially good Wax Bean. The pod is of a rich yellow color, but is a flat pod instead of a round pod, fully as tender, brittle and stringless, and comes nearer being an absolutely rust-proof bean than any other wax variety.

**Dwarf Golden Wax**—Old standard variety; seeds nearly round, purple and white; pods nearly straight, broad, flat golden yellow, very fleshy and wax-like, with short green point.



Improved Rust Proof Golden Wax.



Pencil Pod Black Wax.

**Pencil Pod Black Wax**—Early, hardy, very prolific and of excellent quality. Pods are long, straight and round, like a pencil, of a bright yellow color, tender, brittle and absolutely stringless. The seeds are long, round and rather small; color black.

**Davis' Kidney Wax**—This plant is a vigorous grower, carrying the pods well up from the ground. The pods are long, straight, oval, of clear waxy-white color and handsome, often growing to a length of seven to eight inches, are quite stringless and of fine flavor.

**Stringless Refugee Wax (Keeney's)**—Ten days to two weeks earlier than the Round Pod Thousand to One Refugee, and is very near, if not quite as prolific as this very prolific cropper. The pods are the same size and shape and are of exceptionally fine quality. The color is a light, bright yellow and the pod is perfectly stringless at all stages of development. This is probably the most prolific of all the Round Podded Wax Beans known to the trade at the present time and is used very extensively by canners who want both quantity and quality.

**Wardwell's Kidney Wax**—Ripens about as early as the Golden Wax; vines large and strong; handsome golden yellow, long flat pods, which are almost entirely free from rust and spots.

**New Round Pod Kidney Wax Bean**—This bean is closely allied to the popular Wardwell's Kidney Wax, differing from the variety in that the pod is perfectly round, somewhat longer and **entirely stringless**. This new sort has great merit and is destined to become one of great popularity with the market gardeners.

**Royal Round Pod Purple Wax**—Plant large, without runners; generally dropping with fruit-laden branches, and spreading when fully grown. An early variety pods are very round and yellow in color; very brittle; stringless; without fibre and unsurpassed in quality. Owing to its being a prolific Bean and as tender as the Crystal White Wax, it will be much in demand by the market gardeners.





Lazy Wife.

**Kentucky Wonder, or Old Homestead**—A very prolific sort, producing its long pods in large clusters. The pods, when young, are nearly round, of the best flavor and are most excellent for snaps. This is one of the best and most profitable beans for the market gardener. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.75.

**White Kentucky Wonder**—An early maturing, white seeded pole bean, very desirable for snaps and certainly unsurpassed green shelled. Vine vigorous and very productive. Pods round, very long, irregular in shape and quite stringless. The beans when shelled green are large, very tender and white, a very desirable feature when comparison is made with the colored beans of other varieties of this class. Pkt., 10c; pt., 15c; qt., 30c; per pk., \$1.75.

**King of the Garden Lima**—Pods large and frequently contain from five to six large beans. Similar to the Large White Lima, but matures much earlier. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.75.

**Small White Lima, Carolina or Sieva**—Vines vigorous, with many short branches, so that they are sometimes grown without poles; very early and productive with small, smooth, dark green leaves; pods curved, short, flat; seed white, small and flat. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.75.

**Siebert's Early Lima**—The earliest Lima bean for home garden or market. Short pods, contain from 4 to 5 beans, enormous yielder, fine quality. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.75.

**Carpinteria Pole Lima**—A splendid pole Lima bean for the home and market garden. The beans are of largest size and are not only much thicker than the average pole lima but their color is distinctive in having a decided greenish tint, which is recognized by experts as an indication of the very finest quality. When cooked the beans are very thin skinned, extremely tender and of especially fine flavor. Pkt., 10c; pt., 30c; qt., 50c; pk., \$2.00.

**Remember**—The prices on Beans are not prepaid; if to go by mail add 10c per pint, 15c per quart.

## Pole or Running Bean

**Lazy Wife**—Pods produced in great abundance; measure 6 to 8 inches in length; broad, thick, fleshy and entirely stringless. Each pod contains from 6 to 8 round white beans. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.75.

**Dutch Case Knife**—Earliest pole bean; pods long and flat; beans white, of excellent quality; green or dry. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.50.

**Horticultural or Speckled Cranberry.** A showy bean, maturing in eighty days. Pods green, dashed with red, valued either as a snap or for shelling. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.75.

**Early Golden Cluster Wax**—A desirable sort. Pods six to eight inches long, borne in abundant clusters, each containing from three to six pods. Pkt., 10c; pt., 20c; qt., 35c; pk., \$2.25.

**Speckled Cut Short or Corn Hill**—Will grow when planted among corn, without poles; good cropper and very popular. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.75.



Bush Lima (Burpee's) See page 3.



## GARDEN BEETS

Our prices are for seeds, postpaid, by mail, if ordered by express or freight, remember to deduct 8 cents per pound from prices quoted.

## HARNDEN'S SELECTED STOCK

### FRENCH GROWN BEET SEED.

**Culture**—Cultivation has more effect in the quality of this than most any other vegetable. To be sweet and tender it must be grown quickly, a result that can only be obtained by having the soil worked deep, made light and rich by the application of well-rotted manure. Sow in drills 18 inches apart and 1 inch deep; thin to 4 inches apart. For winter use, the turnip variety may be sown in June. One ounce to 60 feet of drill; 4 pounds per acre.

**Detroit Dark Red**—Tops exceptionally small and uniformly upright, roots are perfect turnip shape with small tap roots. The principal fault with most turnip beets is the occasional appearance of white rings but by careful selection this has been overcome and will be found to be one of the deepest red beets. Quality of the very best, sweet, tender. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

### Harnden's Early Market

The earliest beet ever brought on the market, maturing earlier than any other beet. Tops small, making it fine for bunching. Skin and flesh deep blood red, fine grained and tender. Pkt., 5c; oz., 15c; ¼ lb. 50c; lb., \$1.50.

**Extra Early Egyptian**—Roots very dark red, tender and sweet, rounded on top. The seed we offer is a special selection of the darker and most perfect roots with small tops. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.25.

**Crosby's Egyptian**—An improved strain of the Egyptian. Instead of being flat the roots are smooth and round in shape; of finer quality, combined with the same extra early maturity. Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.50.

**Eclipse**—Another very fine early variety with globe-shaped roots; flesh dark blood, zoned with a lighter red,

very sweet, crisp and tended; especially when young. Pkt., 5c; oz., 10c; ¼ lb., 50c; 1 lb., \$1.50.

**Electric Beet**—The best all around beet for market garden purposes ever introduced on our market. Every person that has tried this superb beet pronounces it one of the best beets in cultivation. Almost round leaves, small, dark, rich crimson, with rings of lighter hue; flavor delicate, rich and sugary. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**Early Blood Turnip and Crimson Globe**.—Per Pkt., 5c; oz., 10c; ¼ lb., 40c; 1 lb., \$1.25.

**Long Smooth Dark Blood**—Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 60c.

### SWISS CARD BEET.

#### Or Summer Spinach.

A distinct vegetable and much superior to the common beet for greens and equal to spinach. It must be remembered, however, that the roots are of no value as beets. Sow early in the spring, in rows 16 inches apart and the seedlings afterwards thin out to 6 inches in the row. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.00

### SUGAR BEETS.

Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 60c, prepaid.



Field of Detroit Dark Red Beets.

## Mangel Wurzel Beets

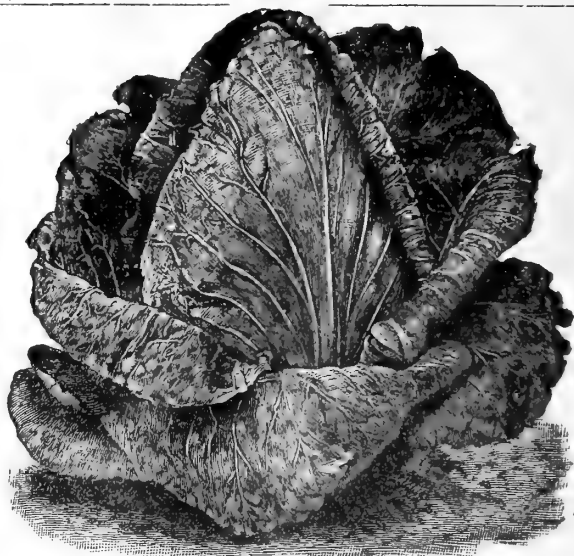
The Most Nutritious, Fattening and Best Winter Food for Stock.

Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c, prepaid. Write for Prices on large lots.

**Culture**—Sow the seed during April and not later than the last of May. Plant 1 inch deep in drills from 2 to 2½ feet apart, dropping from 6 to 10 seeds to the foot, which will require from 6 to 10 pounds to the acre. When the plants are 3 inches high, thin out with the hoe to 10 to 12 inches. Cultivate well and often, but discontinue as soon as the roots have commenced to form. The roots should be harvested and stored in pits or cellar when ripe, for if left they may start into fresh growth.

**Harnden's Mammoth Long Red**—The roots are very large, uniformly straight, and heavy cropper. It is the best long red mangel, and of the greatest value for stock feeding.

**Golden Tankard**—One of the finest mangels in cultivation; used extensively in England for dairy farming; of almost cylindrical shape. Color deep yellow.



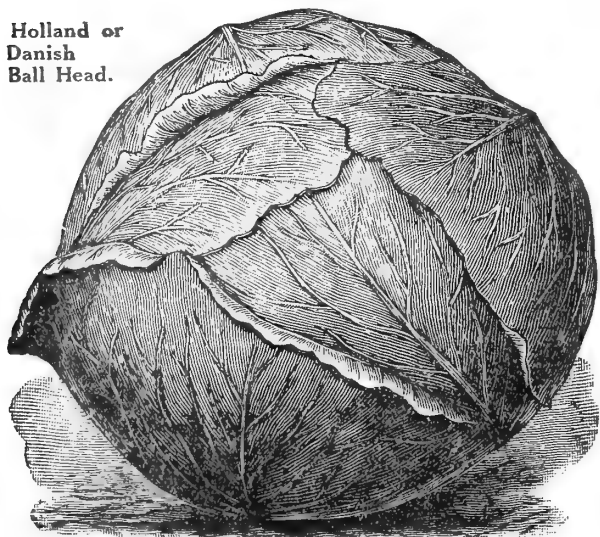
Ex. Early Jersey Wakefield.

## Harnden's American Grown Cabbage Seed

**Culture**—The Cabbage, to be well grown, requires a deep, rich loamy soil. For early use sow the seed in hot-beds in February or March, or it may be sown about the middle of September, and the plants wintered over in cold frames. Transplant in spring, as soon as the ground can be worked, in rows 2 feet apart and the plants 18 inches apart in rows. For late or winter use, the seed should be sown in May, and the plants set out in July, 2½ x 3 feet. Prices are prepaid.

**Extra Early Jersey Wakefield**—The earliest and hardest heading of first early cabbages. Most gardeners depend upon it for the bulk of their extra early crop. Its exceeding hardiness not only to resist cold weather, but other unfavorable conditions, insure the greatest likelihood of profitable and satisfactory results. Head conical, very compact, solid and of excellent quality. **Selected American Grown**, per pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb. \$1.75.

Holland or Danish Ball Head.



**Harnden's Large Heading Wakefield**—Similar in every respect to the Jersey Wakefield except that it is very much larger, and not quite so early. Heads not quite as much pointed. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

**Early Summer, Selected Stock**—About 10 days later than the Early Wakefield but being fully double the size, it may be classed as decidedly the best large early cabbage, and is deservedly popular with market gardeners. Equal in weight to most of the late varieties. Keeps a long time without bursting. Heads round, not pointed. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

**Fottler's Improved Brunswick**—This has proven to be a most excellent acclimated second early variety. It is low on the stump, heads solid and compact, weighing from ten to fifteen pounds each, and is sure to head. A very valuable variety. Pkt., 5c; oz., 20;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.

**Improved Red Dutch (Red Drumhead)**—Used exclusively for pickling; heads flat and solid; color, deep purple. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 65c.

**Early Ulm Savoy**—Very early and of fine quality. Heads round, beautifully crumbled, solid and of a deep green color. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 65c.

**Holland or Danish Ball Head Cabbage**—This splendid variety is remarkable for its solidity and grand keeping qualities. The heads, although not quite so large as Premium Flat Dutch, are equally as heavy and superb in quality. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.

**Harnden's Premium Late Flat Dutch**—We have taken great pains in the selection of this strain, and have sold it to our market gardeners for a number of seasons. It has given universal satisfaction to every one who has tried it, maturing well in our climate, and produces large and compact heads. For general crop this variety can not be excelled. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

**St. Louis Late Market**—An extremely large and solid heading variety, well suited for fall and winter. It forms large, handsome heads, which will keep in the best condition for a long time. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50.

We offer the following standard sorts, postpaid. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50.

Early Spring, Early Winningstadt, Early Flat Dutch, All Seasons, Louisville Drumhead, Succession, Surehead, Early Drumhead, Large Late Drumhead.

CABBAGE AND CAULIFLOWER CULTURE.

Book Giving Directions How to Grow, etc., postpaid 60c.

## CARROTS

Carrots have been almost a failure this year, and we will maintain these prices as long as present stocks last.

**Culture**—Sow seed thinly in drills of  $\frac{1}{2}$  to 1 inch deep early in the spring, making several sowings to afford a succession. For garden culture sow in rows of 16 to 18 inches apart, and for field culture 18 to 24 inches. When well started, thin out the early sorts to 8 to 10 to the foot, and late varieties from 4 to 6 inches apart in a row. A sandy loam, made rich by manuring the previous year, is the best soil. Avoid sowing on a newly manured ground, as it tends to produce forked roots.

**Danvers**—Flesh sweet, crisp, tender and of a bright orange color. Valuable both for table use and for stock feeding. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50, prepaid.

**Chantenay**—A stump rooted variety; flesh deep orange color; solid, tender and of excellent flavor. A variety which the market gardeners should plant for their main crop; a heavy cropper. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c; lb., \$1.75, prepaid.

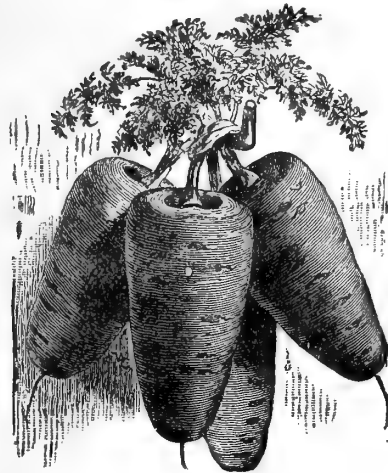
**Improved Long Orange**—The most popular of the older sorts for farm use. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50, prepaid.

**Guerande or Ox Heart (Stump Rooted)**—Comparatively short roots but often reaching a distance of several inches. Flesh bright orange, fine grain and sweet. This is a desirable variety for ground that is so hard and stiff that longer growing sorts would not thrive on it. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50, prepaid.

**Early Half-Long Carentan** (The best bunching carrot)—A deep scarlet variety without core. It is excellent for forcing; of fine quality and perfect shape; tops very small, roots cylindrical. The finest and sweetest carrot listed. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c; 1 lb., \$1.75, prepaid.



Danvers.



Chantenay.

**Culture**—Early sorts are grown in January and February in hot-beds, and transplanted once before setting out in open ground. Avoid planting in land in which cabbage, turnips or any crop of that nature has been

grown. When heading, tie the leaves on the top together to protect the crown from exposure to the sun. Water freely, especially when heading. It should be borne in mind cauliflower will not head well in hot, dry weather.

**Harnden's Selected Earliest Dwarf Erfurt**—A favorite early market variety, very compact heads; it has very narrow leaves which grow perfectly upright, thus adapting it for close cultivation or forcing. The seed we offer is imported direct from one of the best growers in Europe. Pkt., 25c;  $\frac{1}{4}$  oz., \$1.00;  $\frac{1}{2}$  oz., \$1.50; oz., \$3.00.

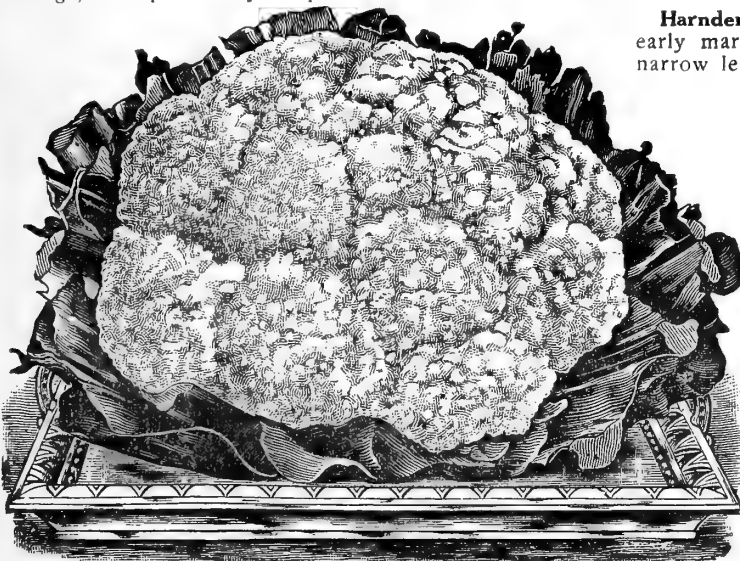
**Harnden's Early Snowball**—Esteemed by market gardeners for its earliness and heading qualities, producing large, solid, pure white heads; dwarf in habit and as early as any; one of the best sorts for forcing. Pkt., 20c;  $\frac{1}{4}$  oz., 75c;  $\frac{1}{2}$  oz., \$1.00; oz., \$2.00.

**Danish Giant (Dry Weather)**—The crop is two or three weeks later than Earliest Erfurt. Heads are pure white and of fine quality. The plants are less affected by dry weather than any other variety. Pkt., 20c;  $\frac{1}{4}$  oz., 75c;  $\frac{1}{2}$  oz., \$1.00; oz., \$2.00.

**Extra Early Paris**—Heads of uniform size, solid and blanch easily, but are not so large nor of so fine quality as the Erfurt type. Pkt., 10c;  $\frac{1}{2}$  oz., 40c; 1 oz., 75c.

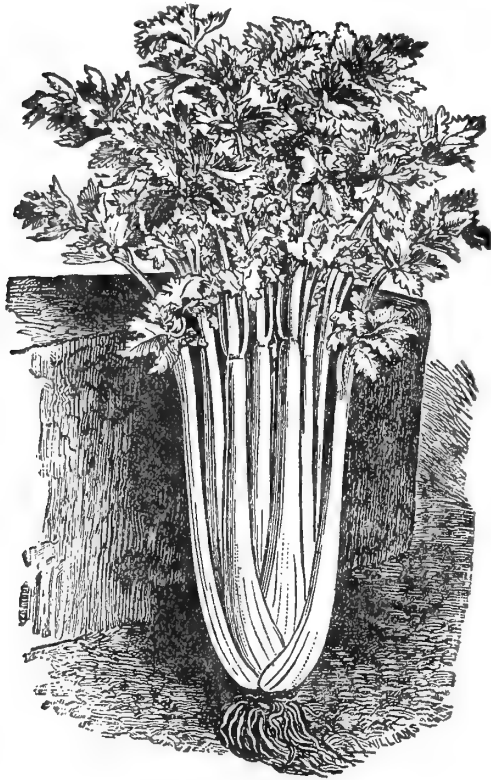
**Autumn Giant**—A large, late Cauliflower, producing white, compact heads. Pkt., 5c; oz., 60c.

## CAULIFLOWER



Harnden's Early Snowball.

## CELERY



**WHITE PLUME.**

**Culture**—Sow in drills and tread the seed firmly in; thin out to an inch apart and keep the ground well worked and free from weeds; shade the young plants for a week or ten days and do not let the soil dry out, in order to secure stocky plants cut off the tops once or twice before transplanting, which should be done before July, after plants have attained a height of 4 to 6 inches.

**White Plume**—This handsome sort is valued because naturally the stalk and portions of the inner leaves and heart are white; the whiteness does not show, however, until the plants are about one-third grown; it is unsurpassed for all uses and the earliest celery in the market. **Pkt., 5c; oz., 20c; ¼ lb., 60c; 1 lb., \$2.00, prepaid.**

**Golden Self-Blanching**—Similar to the White Plume in its self-blanching characteristics, but of a deep golden yellow color. Best stock. (**Best French Seed.**) **Pkt., 20c; oz., \$1.00; ¼ lb., \$3.00; lb., \$10.00.**

**Giant Pascal**—Grows about two feet high; the stalks are very broad, thick and crisp, and of a rich nutty flavor. The heart is golden yellow, very full and attractive in appearance; it bleaches very easily and quickly. **Pkt., 5c; oz., 20c; ¼ lb., 60c; 1 lb., \$1.75, prepaid.**

**Celeriac, or Turnip-rooted Celery**—Sow seed same as Celery. Transplant in rows two feet apart, nine inches in a row. Thorough cultivation is necessary to secure good roots. Earthing up is not necessary. Roots may be cooked or used as a salad.

**Giant Smooth Prague**—A very large and smooth variety, free from side roots. **Pkt., 5c; oz., 20c; ¼ lb., 60.**

**New York Market or Giant Self Blanching**—One of the recent introductions resembling the White Plume. The stalks are much broader and heavier and much superior in quality. **Pkt., 5c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.50.**

**Celery for Profit, by Greiner**—Paper, postpaid, 25c.

## CHIVES

**Chives (Schnittlauch)**—The chives are small members of the onion tribe, leaves very slender and appear very early in spring; can be shorn several times during the season and used for flavoring soups and salads. Bulbs 20c per bunch, postpaid. **Seed, Pkt., 10c.**

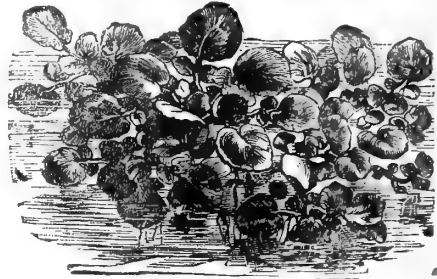
## CHICORY

**Culture**—Sow in drills half an inch deep, in rich, mellow soil; the after-culture being the same as recommended for carrots.

**Lare Rooted**—Roots of fine form, the chicory of commerce, used to adulterate coffee. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.**

## CORN SALAD

**Culture**—For winter use sow shallow in rows, one foot apart, during August or September. The plants are ready for use in six or eight weeks. When winter approaches, give them a very light covering of hay or straw. The plants are hardy and will remain green and fit for use all winter. The seed may also be sown early in spring. **Pkt., 5c; oz., 10c; ¼ lb., 20c.**

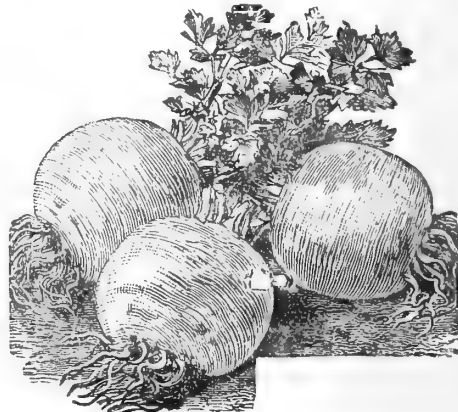


**True Water.**

## CRESS

**Curled or Pepper Grass**—This small salad is much used with Lettuce, to the favor of which its warm, pungent taste makes a most agreeable addition. Sow thickly in drills sixteen inches apart. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c, postpaid.**

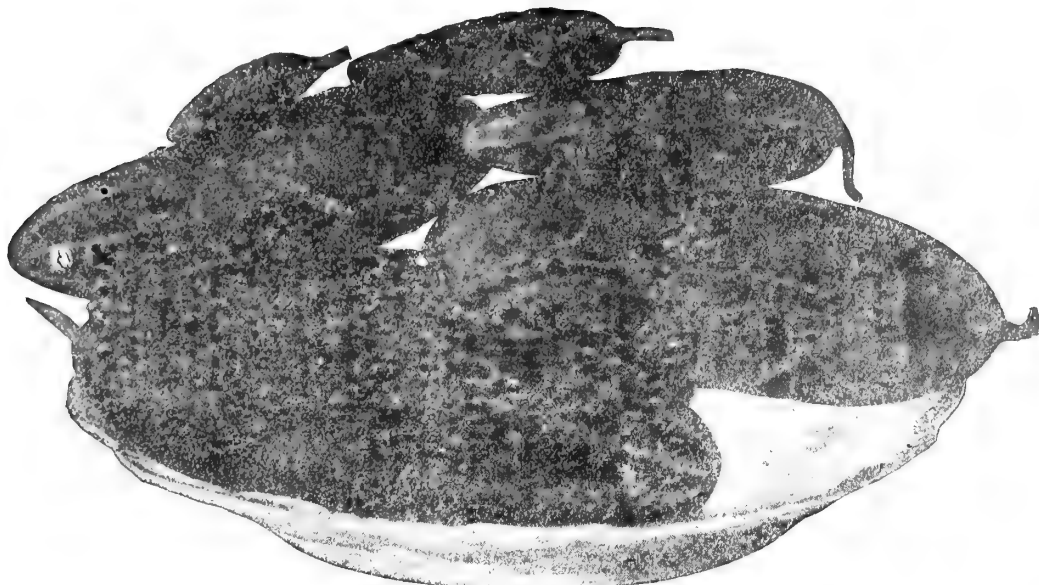
**True Water**—This is quite a distinct variety of cress, and only thrives when its roots and stems are submerged in water. The seeds should be sown and lightly covered in gravelly, mucky lands, along the borders of small streams. **Pkt., 5c; oz., 30c; ¼ lb., \$1.00.**



**Celeriac.**



# CUCUMBER



**Klondike.**

**Davis Perfect**—Color a dark glossy green. Length 10 to 12 inches. Slim in shape and of exceptionally good flavor. One of the very best for forcing under glass and also for outdoor culture. Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.10.

**Klondike**—Averaging from 6 to 8 inches in length; uniform in size; dark green in color; retaining its color, and a very prolific yielder. One of the best for home gardens, and a good market garden sort. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c.

**Japanese Climbing**—Vines are of healthy, vigorous growth, with rich dark green foliage, and throws out strong, grasping tendrils, which enable it to climb trellis, wire netting, brush or any other suitable support. Of large size, cylindrical shape; flesh pure white; skin dark green. Pkt., 5c; oz., 20c; ¼ lb., 40c; 1 lb., \$1.25.

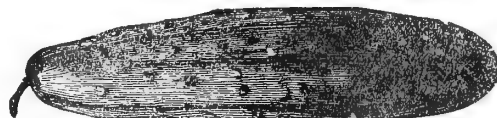
**Improved Arlington White Spine**—This is the strain so universally popular for growing under glass, the earliest and by far the best forcing strain; uniform in size, color a rich green, with light green spines. It is not only the best for forcing, but is unsurpassed for open ground. Pkt., 5c; oz., 10c; ¼ lb., 25c;

**Improved Long Green**—A standard late sort; fruit dark green. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c.

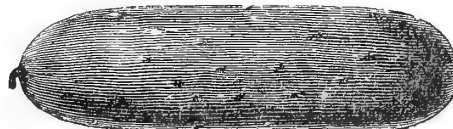
We offer the following:

<b>Chicago Pickling</b> .....	Pkt.	oz.	¼ lb.	lb.
	\$0.05	\$0.10	\$0.25	\$0.80
<b>Early Cluster</b> .....	Pkt.	oz.	¼ lb.	lb.
	.05	.10	.25	.80
<b>Early Frame</b> .....	Pkt.	oz.	¼ lb.	lb.
	.05	.10	.25	.80
<b>Gherkin</b> .....	Pkt.	oz.	¼ lb.	lb.
	.05	.20	.60	2.00

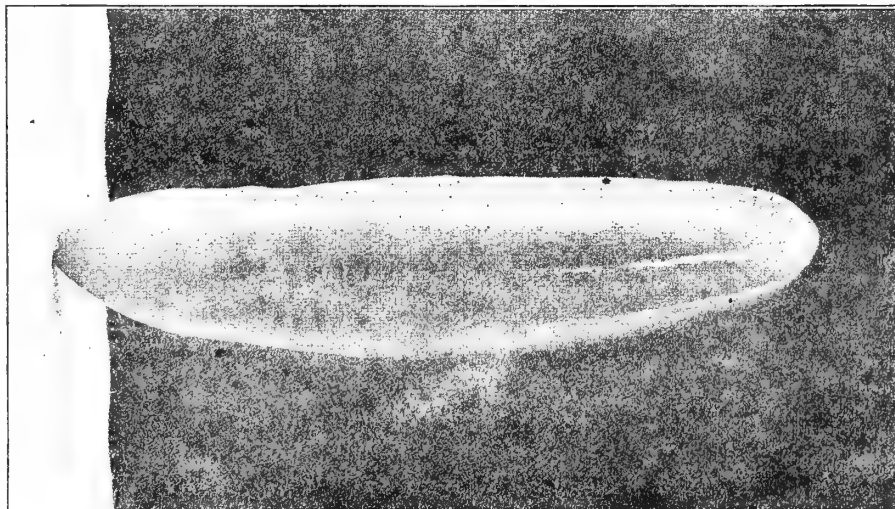
**Extra Long, or Evergreen White Spine**—Beautiful in shape and color. Fruit is long and cylindrical, dark green; flesh is white, crisp and tender and of the finest quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c.



**Imported Long Green.**

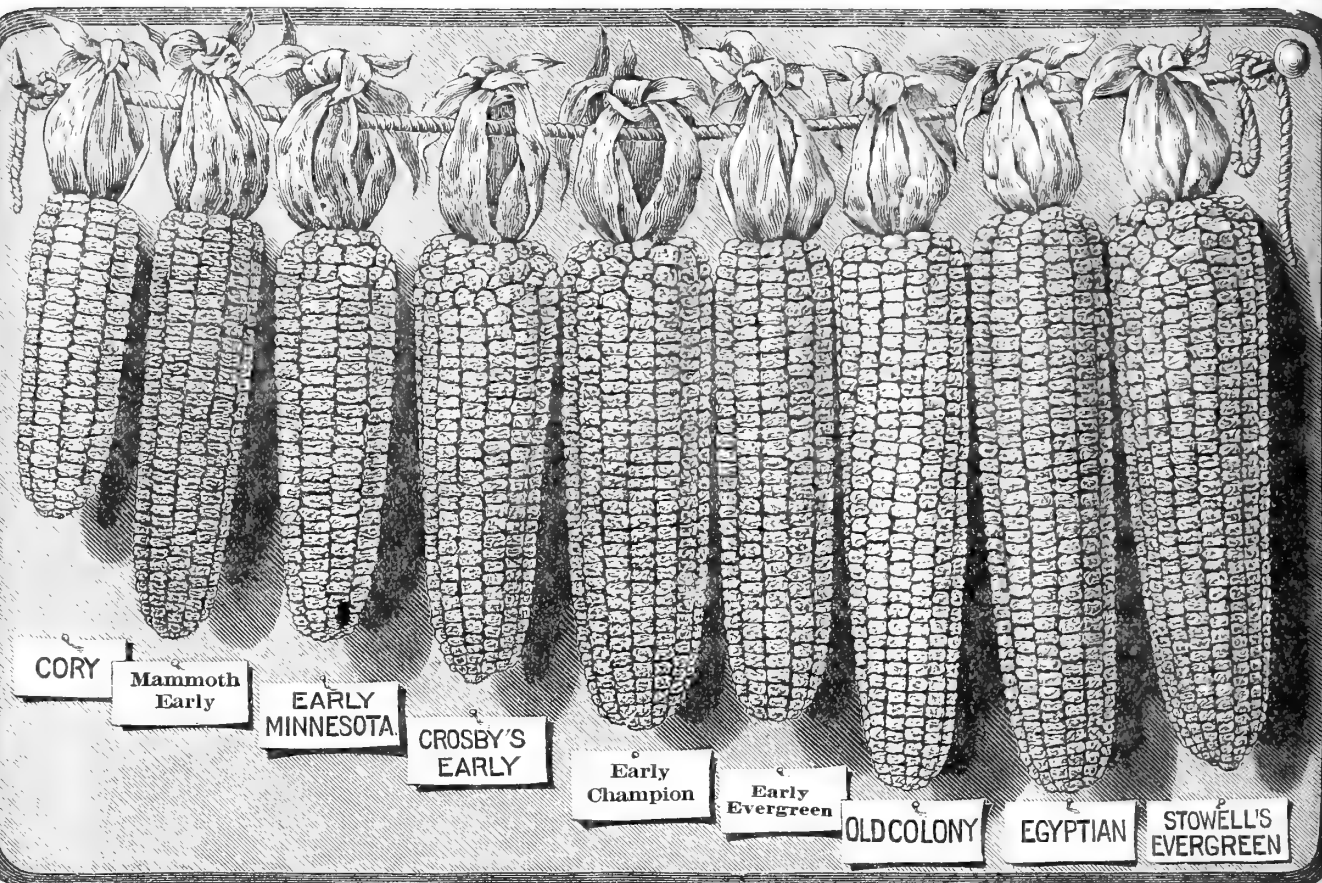


**Evergreen White Spine.**



**Davis Perfect.**

# SWEET CORN—Northern Grown



Remember these prices are not prepaid on pints and quarts. If to go by mail add 8c for pint; 15c for quart.

**Country Gentleman**—A medium late variety of sweet corn; one of the best for private use; kernels very deep, placed irregularly, but compactly on the cob, the cob itself being very small. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.25.

**White Evergreen**—Has most of the characteristics of the regular Stowell's Evergreen. Is about five days earlier; grains pure white and remain tender a long time. A very good variety for canning as it retains the pure white color. Pkt., 10c; pt., 15c; qt., 25c; pk., \$1.00.

**Early Evergreen**—The best second early sweet corn, possessing every good quality of the Stowell's Evergreen, and resembling it in every respect. Matures ten days earlier than the Evergreen. Pkt., 10c; pt. 15c; qt., 25c; pk., \$1.00.

**Stowell's Evergreen**—The best late sweet corn in every way, being large eared, hardy and productive, sweet and tender, remaining a long time in condition suitable for cooking; there is no other late sweet corn which can compare with it. Pkt., 10c; pt., 15c; qt., 25c; pk., \$1.00.

**Extra Early Adams, or Burlington**—This is not a true sweet corn, but produces ears well filled with tender white grains. It is very early, and on account of its hardness and hard, round grain, it can be planted much earlier than sweet corn. Pkt. 10c; pt., 15c; qt., 25c; pk., \$1.00.

**Golden Bantam**—Early sweet corn, with yellow Kernel; very sweet and delicious, tender and of excellent quality. One of the best early varieties. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.50.

**Mammoth White Cory**—Ears larger than common Cory, and two or even three to the stalk. Claimed by the originator to be the largest and best extra early sweet corn in existence. The grains are in twelve rows, and the ear is symmetrical and handsome, with no openings between the rows at the base. Grains large and white, of remarkably good quality for such an early sort. Excellent for market. Pkt., 10c; pt., 15c; qt., 25c; pk., \$1.00.

**Peep o'Day**—One of the sweetest of all the extra early varieties. The stalks grow from 3½ to 4½ feet high, and bear 4 to 5 ears to a stalk. Being small stalks stand very close planting. Pkt., 10c; pt., 20c; qt., 35c. pk., \$1.25.

**White Mexican**—An early sweet corn of very rich and excellent flavor. Stalks about four and one-half feet high; ears eight inches long, usually eight rowed; about the same season as Crosby's Early and of better quality than any other early variety of equally large size. Our stock is far superior to much that has been sold under this name. Pkt., 10c; pt., 15c; qt., 30c; pk., \$1.25.

**Early Champion**—The earliest large sweet corn grown. This variety is the earliest large sweet corn yet introduced, being only a few days later than the first early small sorts. It is 10 and 12 rowed, and pure white in color; sweet and tender. Pkt., 10c; pt., 15c; qt., 25c; pk., \$1.00.

We offer the following standard varieties:

	Pkt.	pt.	qt.	pk.
Mammoth Late. . . . .	\$0.10	\$0.15	\$0.25	\$1.00
Shaker's Early . . . . .	.10	.15	.25	1.00
Old Colony . . . . .	.10	.15	.25	1.00
Early Minnesota . . . . .	.10	.15	.25	1.00



## EGG PLANT



New York Improved.

**Culture**—Sow in March or April in a hot-bed; transplant when two inches high into a second hot-bed, or let them remain and thin out to four inches apart. Uniform heat is essential to this plant, and it rarely recovers from the least chill in its early growth. When the weather becomes settled, transplant into the open ground, two and one-half feet apart each way. One ounce to 1,500 plants.

**New York Improved** (the only variety to plant)—The best in cultivation; large, round, dark purple, and very productive. Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.25, prepaid.

## ENDIVE

**Culture**—For early use sow in April. For the main crop sow in June and July, and when up an inch or two, transplant to one foot apart each way.

**Green Curled**—Very hardy, with dark green curled leaves; tender and crisp. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25, prepaid.

**Moss Curled**—Handsomely curled; fine quality; a desirable sort. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25, prepaid.

**Broad Leaved Batavian**—Large heads of broad, thick leaves; if bleached, the inner leaves make a fine salad. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25, prepaid.



Endive—Green Curled.

## KALE OR BORECOLE

**Culture**—Cultivate the same as cabbage. For summer and fall use, sow in April and transplant in June; for early spring greens, sow in September. Two pounds per acre, in drills, three pounds broadcast.

**Dwarf Green Curled German**—Very hardy, the main sort planted by gardeners. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c, prepaid.

**Tall Green Scotch**—Finely curled; even more tender after being touched by frost. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c, prepaid.

**Thousand-Headed Kale**—Will yield a much heavier crop than Dwarf Essex Rape and is now considered much superior to the rape in some sections. The seed can be sown early in April or any time thereafter till mid-summer. It grows to a height of 3 to 4 feet, and is so covered with small whorls of leaves that the name of Thousand-Headed Kale was given it. Sow broadcast 3 lbs. per acre or in rows 18 inches apart, using 1-pound per acre. Per Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 50c, postpaid.

## KOHL RABI

**Early White Vienna**—Best early variety for table; bulbs white. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c.

**Early Purple**—Similar to the last, except in color. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c.

## LEEK

**One Ounce Will Sow 100 Feet of Drill**—Leek is more delicate than the onion for soup, etc. Sow in seed-bed middle of spring, when the plants are three or four inches high, transplant them into rows wide enough apart to admit the hoe between them. With good culture they may be grown five or six inches in circumference.



Leek Giant Carentan.

**American Broad Leaf**—This variety is more largely used in this country than any other; plant strong, with broad leaves. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25, prepaid.

**Giant Carentan**—Grows to immense size, broad leaves; one of the best; hardy. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25, prepaid.

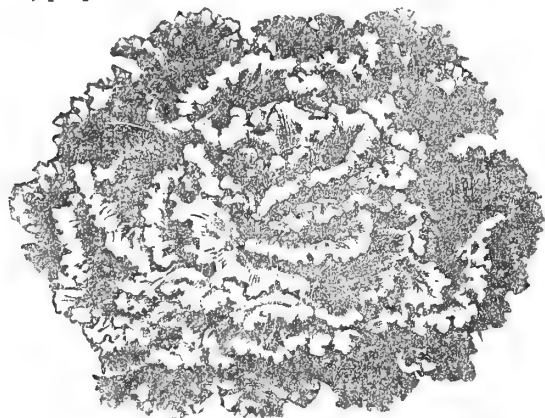
# LETTUCE

**Culture**—For general crop, sow as early in the spring as the ground can be worked in drills 18 inches apart, and thin the young plants to 4 inches apart in the row. As the plants begin to crowd, thin them out and use as required. Keep the soil constantly loose by frequent hoeing.

## Curled or Loose Head Varieties

**Black Seeded Simpson**—A standard variety for forcing and early out-door culture. It forms large, loose clusters of leaves of light yellowish green color; the leaves are large, thin, very tender, slightly ruffled and blistered, the inner ones nicely blanched, and even the large outside leaves are tender and of good quality. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00, prepaid.

**Grand Rapids Forcing**—A forcing variety especially adapted for greenhouse culture in the winter, for which it has no peer. A strong grower, very tender, and will keep from wilting longer while exposed for sale than any other sort. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00, prepaid.



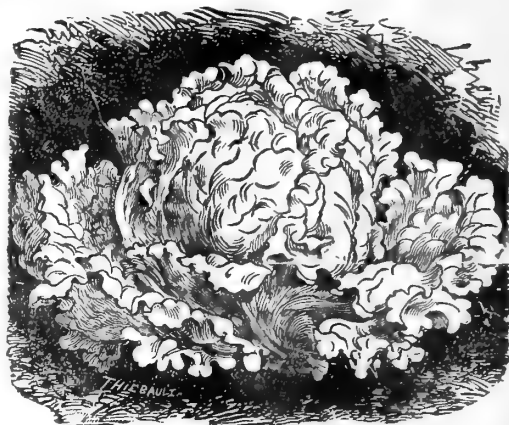
Grand Rapids Forcing.

## Head Varieties

**May King**—The plants of this new lettuce are all quick growth. It is an extra fine heading lettuce and very early. Can be sown for spring and fall in the open ground. Can also be grown in cold frames during the winter months. Practically all of the plants head, and are extremely handsome in appearance, and grow to a diameter of 6 or 7 inches. Has broad green outer leaves, folding closely about the round solid head. In cool weather the edges of the outer leaves are slightly tinged with brown, the inner leaves blanch to a rich golden yellow. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., \$1.00.

**Kansas City, or Golden Forcing**—A very popular variety, originated on our market in Kansas City. Used largely by our market gardeners, either for open ground or forcing; light in color; sometimes called Golden Forcing, and resembles the Denver Market, but not quite as near a head variety. This is used largely for forcing. Price, per oz., 15c; ¼ lb., 35c; 1 lb., \$1.25, prepaid.

**Californina Cream Butter**—This is one of the best of the summer varieties of head lettuce; a strong growing sort, with large green leaves; marked with scattered brown dashes; sometimes called Winter Lettuce. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., \$1.00, prepaid.



California Cream Butter.

**Denver Market**—An early variety of head lettuce, either for forcing or open ground; forms large heads of a desirable light color. The leaves are beautifully marked and blistered like Savoy cabbage and are very crisp and tender. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., \$1.00, prepaid.

**Cos Lettuce**—The Cos Lettuce is distinct from preceding sorts, having long, narrow, spoon-shaped leaves, which usually fold into loose sugar-loaf shaped heads, which blanch better by having the outer leaves drawn about them and tied. On account of their exceeding crispness, tenderness and delicate flavor, they are becoming more and more popular in this country. Leaves yellowish white in color, long, narrow, upright, folding into a solid head like that of an Early York Cabbage; crisp and tender; self-blanching. Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.25, prepaid.

## Standard Varieties

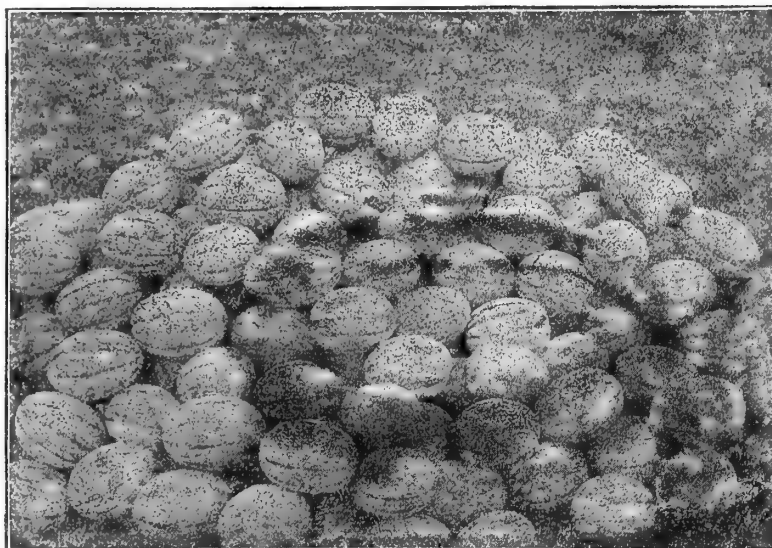
	Pkt.	oz.	¼ lb.	1 lb.
Early Curled Simpson	...\$0.05	\$0.10	\$0.30	\$1.00
Early Curled Silesia	....	.05	.10	.30
Boston Market—Head	....	.05	.10	.30
White Cabbage—Head	....	.05	.10	.30
Large Hanson—Head	....	.05	.10	.30
Prize Head—Head	....	.05	.10	.30
Big Boston—Head	....	.05	.10	.30
St. Louis Market—Head	..	.05	.10	.30



May King.

# MUSK MELON

**Culture**—Melons thrive best in light, dry, sandy soil; plant in hills 6 feet apart each way, 12 seeds in each hill; remove 2 to 3 inches of soil where the hill is desired, and fill in with well-rotted manure, then replace the soil 4 inches high, raking the hill rather flat. When the plants have made the second pair of leaves, thin out to 4 in hill. If the plants grow very rank pinch off the ends when about 3 feet long.



**Burrell's Gem.**

**Burrell's Gem**—Six to seven inches in length and four to four and a half in diameter. Well ribbed and covered with a fine grayish netting. Skin a rich dark green with deep orange salmon colored flesh of the finest flavor, sweet and tender. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.**

**Extra Early Hackensack**—A variety possessing all the good qualities of the well-known Hackensack, but at least ten days or two weeks earlier. The melons weigh from 4 to 10 lbs. each, are of nutmeg shape, heavily netted and have a light green flesh. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00, prepaid.**

**Rocky Ford**—Oblong, somewhat similar to the Netted Gem. Grow very uniform in shape and size, weighing from 1½ to 2 lbs.; skin green and thickly netted;

**Champion Market**—The melons are almost a perfect globe in shape, and densely netted, weighing from four to five pounds each; the flesh is light green in color, of a rich sweet flavor; an excellent shipper. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00, prepaid.**

**Paul Rose or Petoskey**—Flesh firm; a rich orange red color, like that of the Osage, but sweeter and more highly flavored. One of the best sorts for home garden. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00, prepaid.**

flesh of a light green color and very sweet. The most popular shipping variety grown. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00, prepaid.**

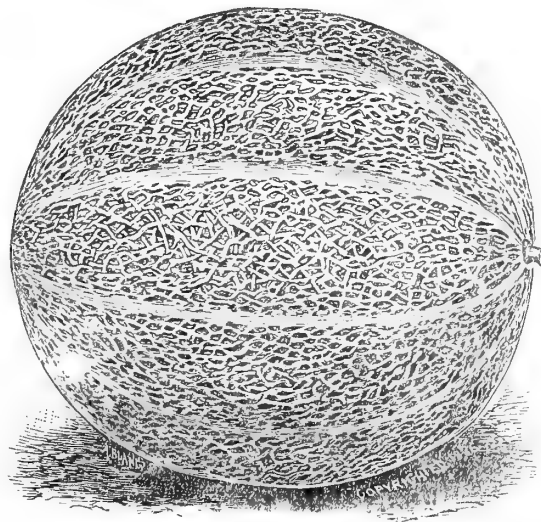
Standard Sorts.	Pkt.	Postpaid.		
		oz.	¼ lb.	4 lb.
Jenny Lind .....	\$0.05	\$0.10	\$0.30	\$1.00
Early Green Nutmeg .....	.05	.10	.30	1.00
Netted Gem Round .....	.05	.10	.30	1.00
Emerald Gem .....	.05	.10	.30	1.00
Baltimore or Acme .....	.05	.10	.30	1.00
Montreal Market .....	.05	.10	.30	1.00
Netted Gem Oblong .....	.05	.10	.30	1.00
Champion Market .....	.05	.10	.30	1.00

## Chicago Market

—This deservedly popular variety which was first sent out by a Chicago firm, has been steadily growing in favor and holds its own against all melons in the market. Nearly round, flattened at the ends and deeply and regularly ribbed; skin green, densely netted; flesh light green. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00 postpaid.**

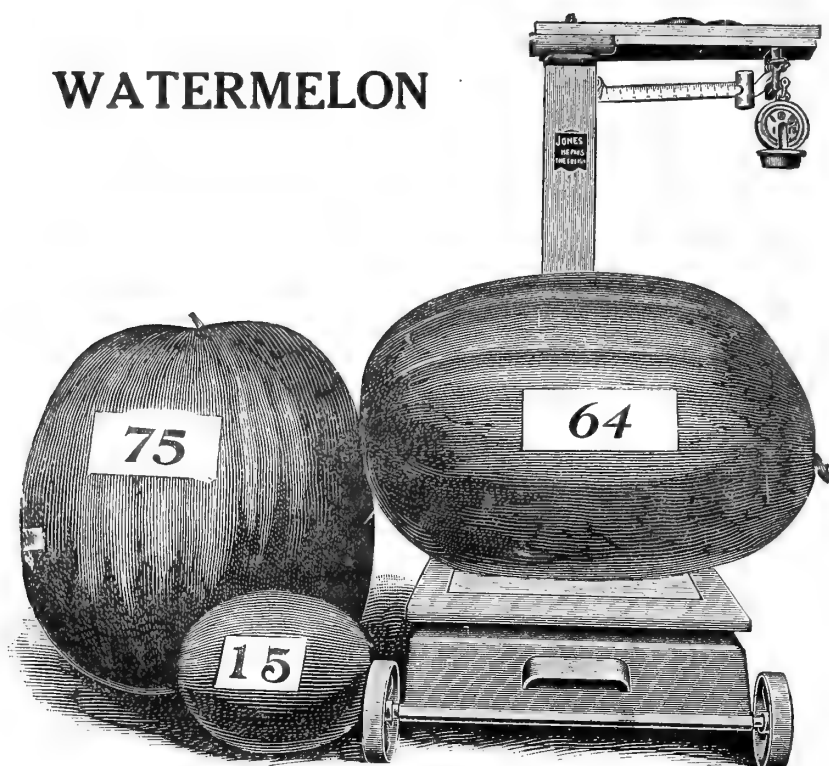


**Rocky Ford.**



**Champion Market.**

# WATERMELON



Triumph.

**Blue Gem or Iceberg**—In shape and appearance it is similar to Kolb's Gem. The melons are uniformly large and of a thick oval form; color, dark green, with faint stripes of lighter shade, but much darker than Kolb's Gem. Flesh, deep pink. It is an excellent shipper; large and solid. Fresh crisp and entirely free from stringiness. Seeds black. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 50c, prepaid; 5 lbs., \$2.00, not prepaid.

**Triumph**—As a market sort and for shipping the best ever produced. A cross between the Duke Jones and the Kolb's Gem; has the handsome appearance of the former and the firm shipping qualities of the latter. The rind is of dark green color, with indistinct stripes of a little lighter color. The average size, large. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c, prepaid; 5 lbs., \$2.00, not prepaid.

**Kolb's Gem**—Attains a weight of from 20 to 50 pounds; flesh bright red, solid, sweet and luscious; fruit round or slightly oval, marked with irregular mottled stripes of dark and very light green. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c, postpaid; 5 lbs., \$2.00, not prepaid.

**Sweet Heart**—Fruit large, oval, uniformly mottled, light and dark green; rind thin, but firm; flesh red, solid, melting and sweet. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c, prepaid; 5 lbs., \$2.00, not prepaid.

**Alabama Sweet**—One of the earliest melons for market purposes; long, dark in color; meat rich crimson, delicious flavor. It is used largely in the South. The seeds are light. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; prepaid.

**Georgia Rattlesnake, or Gypsy**—Standard Southern variety of large size, possessing very remarkable shipping qualities; oblong, square at the ends; scarlet flesh. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c, prepaid; 5 lbs., \$2.00, not prepaid.

## Bug Death

There is absolutely no preparation on the market that will rid your vines and leaves of the income killing pests so satisfactorily, thoroughly, economically and speedily WITHOUT the remotest possibility of injury to plant, leaf or vine in any way as **BUG DEATH**.

One-pound package, 15c; three pound package, 35c; five-pound package, 50c; twelve and one-half pound package, \$1.00; One hundred pound keg, \$7.50. Dickey Bug Duster for applying dry, 25c.

**Tom Watson**—An extra long melon of attractive appearance. Average melon weighs from 35 to 40 pounds. The crimson fruit is sweet as honey. Very prolific. Produces the large, luscious fruit in great abundance. The rind is very thin, but exceedingly tough and on this account is a very good shipper. The skin is dark mottled green. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., \$3.00, not prepaid.

**McIver's Wonderful Sugar**—The sweetest melon grown; attains a great weight; has handsome appearance; never cracks or loses its fine flavor in the wettest season. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c; 5 lbs., \$2.00, not prepaid.

**Kleckley's Sweet**—Large, oblong melon; skin dark green; flesh bright scarlet, very sweet and sugary; one of the best melons that has been offered. If you have a home garden you can't afford to be without this. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.00, not prepaid.

**Light Icing, or Gray Monarch**—Mottled gray skin, long shape, flesh crimson, sweet, delicious flavor. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.50, not prepaid.

**Halbert Honey**—Dark rich colored skin, regular in shape, crimson meat, small white seed—a very fine melon for home use; fully equals Kleckley's Sweet. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., \$3.00, not prepaid.

**Cole's Early**—This is an extra early melon of oval form, small in size, handsomely striped with light and dark green, of good quality. Desirable for home use. Pkt., 5c; oz., 10c; lb., 20c; lb., 50c, postpaid; 5 lbs., \$2.00, not prepaid.

Standard Sorts.	Prepaid.			
	Pkt.	oz.	¼ lb.	1 lb.
Florida Favorite	\$0.05	\$0.10	\$0.20	\$0.50
Phinney's Early	.05	.10	.20	.50
Fordhook Early	.05	.10	.20	.50
Mountain Sweet	.05	.10	.20	.50
Cuban Queen	.05	.10	.20	.50
Peerless or Ice Cream	.05	.10	.20	.50
Georgia Queen	.05	.10	.20	.50





## SURE CROP MUSHROOM SPAWN

**Culture**—Any dark room or pit where the temperature can be kept from 50 to 60 degrees will do for the culture of mushrooms. In preparation for a mushroom bed, procure soil from an old pasture, and fresh horse manure, free from straw or litter, and mix thoroughly in proportion of three parts horse manure to one of loam; previous to mixing, the manure should be turned a number of times to get rid of the heat; make out of this compost a bed 8 to 10 inches deep, pressed solidly; let the temperature recede until it reaches about 90 degrees, then plant pieces of spawn the size of a walnut in holes 2 to 3 inches deep, and 6 inches apart each way; cover the holes, pressing the dirt solid. At the expiration of ten days, cover the whole with 2 inches of fresh loam and over this spread 3 or 4 inches of straw, hay or litter; in about eight weeks the mushrooms make their appearance. If the surface becomes dry, wet with warm water. One brick of spawn will plant 8 or 9 square feet.

**Pure Culture Spawn**—1 brick by mail, 40c. By express at purchaser's expense; 5 bricks, \$1.20; 10 bricks, \$2.15; 25 bricks, \$4.80; 100, \$15.00.

**French Spawn**—Our own importation. In original boxes of 2 lbs. at \$1.00 per box, not prepaid. Pamphlet on Mushroom Culture packed in each box.

**Robinson's Mushroom Culture**—A book bound in cloth, giving directions how to prepare mushroom beds and raise mushrooms. Postpaid, 60c.



## MUSTARD

**Southern Giant Curled**—Highly esteemed in the South, where the seed is sown in the fall and used in the spring as salad. Our stock is the true curled leaf, with dark green leaves, edges of which are finely curled. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; prepaid.

**Brown or Black**—The common small seeded variety; more pungent than the White. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 35c, prepaid.

**White**—Best for culinary purposes and for salads. Pkt., 5c; oz., 10c; ¼ lb., 15c; 1 lb., 35c, prepaid.

**Ostrich Plume**—The leaves are long, ruffled and curled as gracefully as an ostrich plume. Is especially good as a salad and as greens, equal to spinach. The leaves are very ornamental. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

## OKRA or GUMBO

**Culture**—This vegetable is extensively grown in the Southern states, where its long pods, when young, are used in soups or stews, and are served like asparagus. In hills or drills 3 feet apart and trim out to 3 plants in a hill.

**Improved Perkins Giant Green Pod**—A new Okra, esteemed by canners and market gardeners. It is a great improvement on the old green podded sorts. Large, handsome green pods; fine quality; very productive; 4 to 5 feet tall. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c, prepaid.

**White Velvet**—The pods of this variety are not ridged or square edged, but are round and smooth, and much larger than the other sort. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, prepaid.

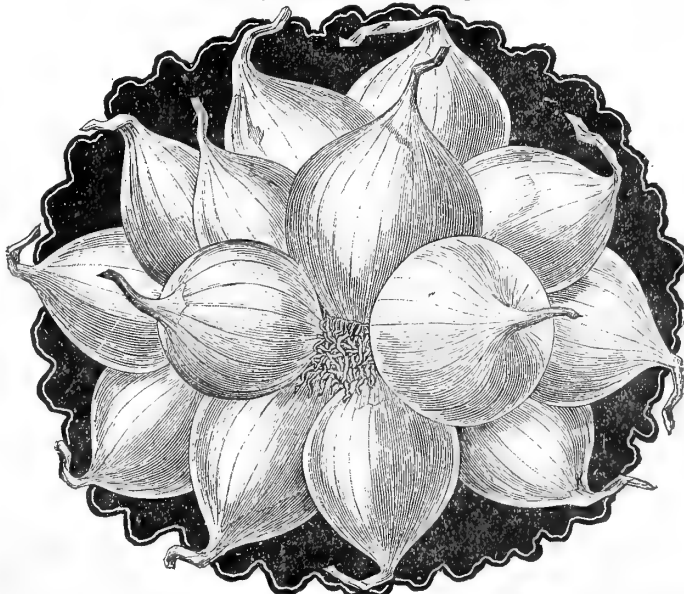
**Dwarf Green**—Plants of dwarf stocky growth, wonderfully prolific and mature pods ready for use ten days to two weeks earlier than the tall varieties; pods 3 to 4 inches in length, and heavily ridged. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c, prepaid.

## ONION SETS

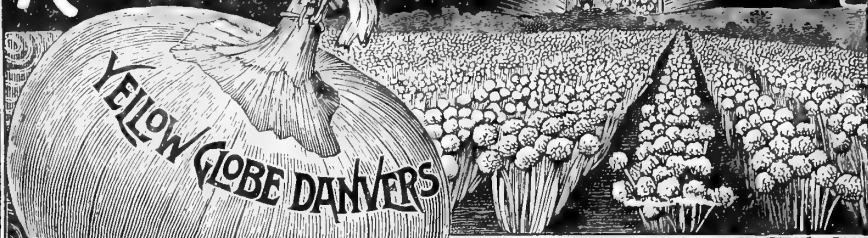
Write for special prices on large lots. Prices variable. Top sets, 28 lbs., per bushel; bottom sets, 32 lbs., per bushel.

	Prepaid.	Not Prepaid.
	Qt.	Peck Bu.
Top or Bottom Sets	\$0.30	\$1.25 \$4.00
Bottom Onion Sets, Red or Yellow	.30	.60 2.00
Bottom Onion Sets, White	.30	.75 2.50

No charges for sacks. Sacks weighed in.



# AMERICAN ONION SEED



## ONION

**Culture**—Full size onions may be grown from the seed fully as well, much more cheaply and only little later than from sets. For this purpose from 4 to 5 pounds of seed per acre required. Sow the seed thinly one-half inch deep in drills one foot apart, and thin out later, leaving about 8 plants to the foot. The first hoeing should be given, just skimming the ground between the rows, as soon as they can be seen the length of the row, but do not ridge up to the growing bulbs.

If interested in large quantities write for special prices.

Ask about special book on onion Culture.

**Extra Early Red**—The earliest of all red onions. Flat in shape. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00, prepaid; 5 lbs., 90c lb.; not prepaid.

**Large Red Wethersfield**—The standard variety so largely used for commercial purposes, good size, an immense yielder; deep red color; fine keeper. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00, prepaid; 5 lbs., 90c per lb., not prepaid.

**Yellow Strasburg or Dutch**—Bulbs quite flat, of good size; skin rich yellow, turning to brown when exposed; ripens early; flesh white and of mild flavor; keeps well. It is one of the very best to grow for sets. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00, prepaid; 5 lbs., 90c per lb., not prepaid.

**Mammoth Silver King**—An Italian variety of special merit; remarkably early, of large size and fine quality. A popular variety in the South, where it grows to an enormous size; white flesh; shape flat; mild and delicate flavor. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50, prepaid.

**Flat Yellow Danvers**—Like the Globe Yellow Danvers, but rather more flattened. One of the best keeping onions grown; flesh white, fine grained, firm and mild; perfect in shape and a large cropper. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00; prepaid; 5 lbs., 90c per lb., not prepaid.

**White Portugal or Silverskin**—An early flat white variety; mild flavor; excellent for growing sets; one of the best for pickling. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50, prepaid.

**White Bermuda**—This is the onion that has been recommended so highly for Southern growers. Grows to an immense size. The skin is very thin, white and fine-grained; of mild and pleasant flavor. Our seed of this splendid variety is Teneriffe grown and absolutely pure. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 75c; lb., \$2.00, prepaid.

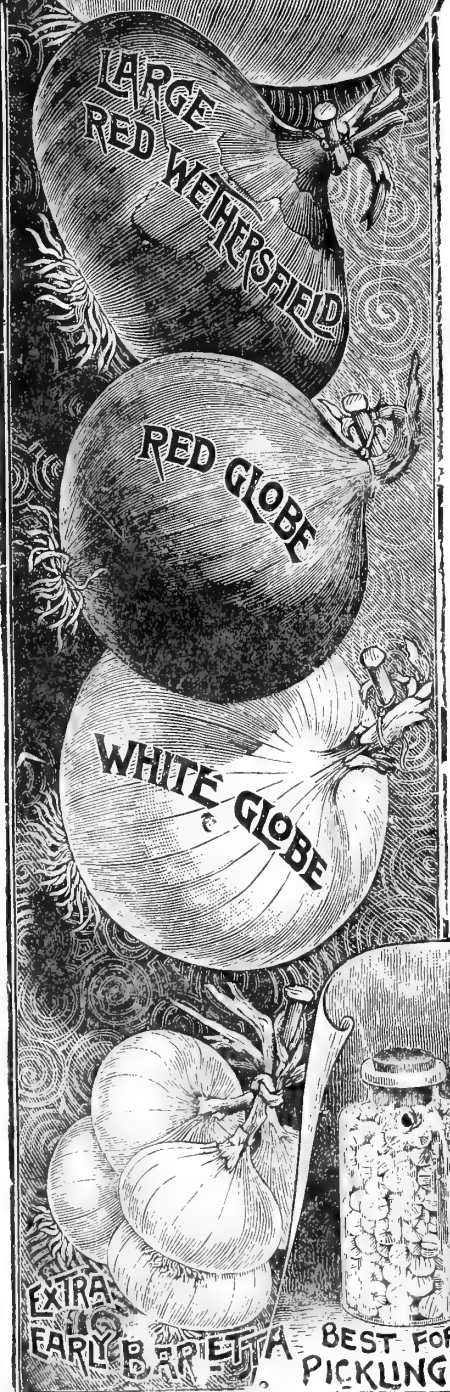
**Southport Yellow Globe**—A favorite variety in the East, where it is grown almost to the exclusion of all other sorts; bright yellow in color; a perfect keeper and a heavy yielder. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25, prepaid; 5 lbs., \$1.10 per lb., not prepaid.

**Southport Red Globe**—Similar to the White Globe except in color; they are perfectly globe-shaped, more so than the Globe Danvers; of handsome appearance and heavy croppers; excellent keepers; a very desirable sort. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25, prepaid; 5 lbs., \$1.10 per lb., not prepaid.

**Southport White Globe**—One of the handsomest onions grown and rapidly taking the lead in our market; a large yielder, mild in flavor, clear white skin and in every way to be recommended; one of the best varieties to sow for early bunching. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.35, prepaid; 5 lbs., \$2.25 per lb., not prepaid.

**Prize Taker, or Spanish King**—Like nearly all Spanish onions, this makes extra large size onions and of particularly fine flavor. The outside skin is a rich yellow straw color, and the flesh is pure white, sweet mild and tender. Ripens up fine and hard, and makes a very handsome and attractive onion. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50; 5 lbs., \$1.35 per lb., not prepaid.

FOR PLANTING AND CULTIVATING ONIONS YOU WILL NEED LAND GARDEN TOOLS. SEE PRICE LIST OF GARDEN TOOLS, LAST TWO PAGES OF CATALOGUE.



EXTRA  
EARLY BARETTA BEST FOR PICKLING



## PARSNIP

**Culture** — The parsnip thrives best in a deep, mellow soil. Sow the seed early in the spring in rows fifteen inches apart, covering the seed half an inch deep; thin out the plants, when well up to five inches apart in the rows.

**Hollow Crown or Guernsey** — Smooth, large roots, sweet and of most excellent flavor. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c; prepaid.

## PARSLEY

**Culture** — The seed is very slow to germinate and should be sown early in the spring, previously soaking the seed for a few hours in warm water. Sow in drills one foot apart, and when the plants are well up thin to one foot in the row. When the plants are about 3 inches high cut off all the leaves; the plant will be brighter and better curled; every cutting will result in improvement. One ounce to 150 feet of drill.

**Champion Moss Curled** — Leaves beautifully curled and mossy. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00; prepaid.

**Hamburg or Turnip Rooted** — Sometimes called German Parsley; a fleshy rooted variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c; prepaid.



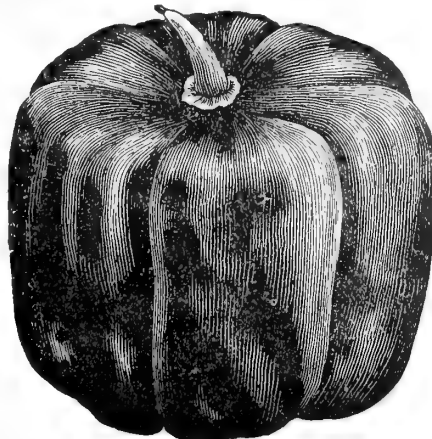
Champion Moss Curled Parsley.

## PEPPER

**Culture** — Sow seed early in hot bed or about middle of spring in open seed bed, the soil being light and warm. When three inches high transplant in rows about two and one-half feet apart and two feet apart in the rows. Cultivate and keep free from weeds.

**Improved Bull Nose or Sweet Mountain** — A very large sort of inverted bell shape, suitable for filling or for a mixed pickle; flesh thick, hard and less pungent than most other sorts. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c; prepaid.

**Long Red Cayenne** — Pods small, cone shaped, scarlet red, and when ripe used for pickles and pepper sauce. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c; prepaid.



Improved Bull Nose or Sweet Mountain.

**Chinese Giant Pepper** — One of the very largest and best mango peppers, mammoth size, splendid shape, bright, glossy pods, mild flavor. Very shy seeder. Pkt., 10c;  $\frac{1}{4}$  oz., 15c;  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25.

**Ruby King** — The peppers are of a bright ruby red color, from  $4\frac{1}{2}$  to 6 inches long, by  $3\frac{1}{2}$  to 4 inches in diameter. Flavor mild, and can be sliced and eaten with pepper and vinegar like tomatoes. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c, prepaid.

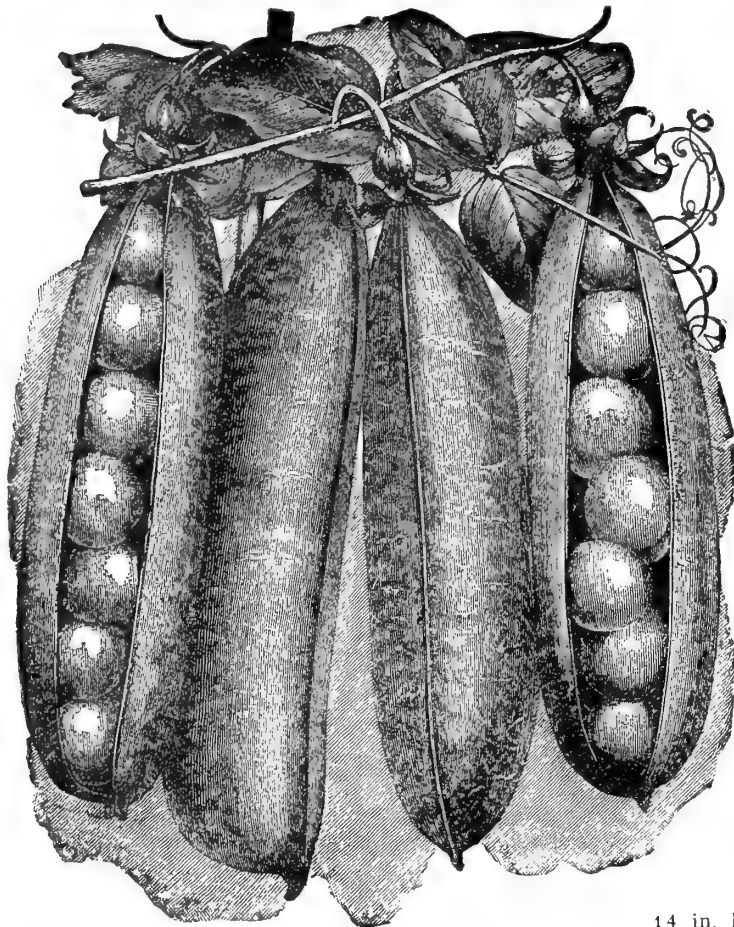
**Celestial** — A beautiful and attractive plant; the peppers, up to the time when they are fully grown, are of a delicate creamy yellow color, and when fully grown change to an intense vivid scarlet, making the plant, when loaded with fruit, part of one color and part of the other — very attractive. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c, prepaid.

**Spanish Monstrous** — Fruit very large. often 8 inches or more in length by two or three inches in diameter; rind thick and fleshy; mild and sweet flavored. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c, prepaid.

**Large Mexican Chile** — This is the pepper sold so largely in the manufacture of Chile Con Carne. Grows extensively in Southern Texas and Old Mexico and is more of a tropical pepper and will only produce green peppers in our climate. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 75c.



Ruby King.



Harnden's Electric.

**Harnden's Extra Early**—For years this pea has been grown in and around Kansas City by the market gardeners with the best of success. Seeds round; pods well filled, and ripen uniformly; height, 2½ feet; seeds white and slightly dented. Pkt., 10c; pt., 20c; qt., 35c; pk., \$2.00.

**American Wonder**—The earliest of the wrinkled sorts; grows about nine inches high, and is covered with well filled pods, often containing seven or eight tender and sweet peas. Pkt., 10c; pt., 25c; qt., 40c; pk., \$2.25.

**Alaska**—One of the earliest, which, in evenness of growth of vine and early maturity of pods, is unequalled by any other extra early pea. Vines 2 to 2½ feet high, bearing four to seven long pods which are filled with medium sized bright green peas. Pkt., 10c; pt., 20c; qt., 35c; pk., \$1.75.

**Nott's Excelsior**—It resembles the American Wonder, but the vines are larger and more vigorous. Pkt., 10c; pt., 25c; qt., 40c; pk., \$2.25.

**Gradus or Prosperity**—The earliest large podded pea in cultivation; the immense pods are as large as those of the Telephone; uniformly well shaped, nearly round and well filled with large, handsome peas. The vine has heavy stems, with large dark green leaves; grows 3 feet in height. Pkt., 10c; pt., 25c; qt., 45c; pk., \$2.50.

## PEAS

Remember the prices on peas are not prepaid if to go by mail, and 10c per pint and 15c per quart.

### Extra Early Varieties

**Harnden's Electric**—This pea has steadily gained in popularity and is today the earliest wrinkled pea on the market. Pods are large, very broad, filled with large, tender peas of a most delicious flavor. It is a dwarf wrinkled pea and should be classed among the extra earlies. Height 12 inches. Pkt., 10c; pt., 30c; qt., 50c; pk., \$3.00.

**Thomas Laxton**—Closely resembles the Gradus in habit and rapidity of growth. It is one of the finest early large podded peas, in earliness within a day or two of the earliest of all, containing seven or eight very large peas of the richest flavor. Height 3 to 3½ feet, and one of the finest ever introduced. Pkt., 10c; pt., 25c; qt., 45c; pk., \$2.75.

### Standard Varieties

	Pkt.	Pt.	Qt.	Pk.
14 in. Premium Little Gem	\$0.10	\$0.25	\$0.40	\$2.25
10 in. Tom Thumb	.10	.25	.45	2.50
24 in. Everbearing	.10	.25	.40	2.25
50 in. Champion of England	.10	.25	.40	2.00
White Marrowfat	.10	.25	.40	2.00
First and Best	.10	.25	.40	2.00
Pride of the Market	.10	.25	.45	2.50
Horsford's Market Garden	.10	.25	.45	2.50
Canada Field	.10	.15	.25	.75



Nott's Excelsior.

## PEAS—Continued

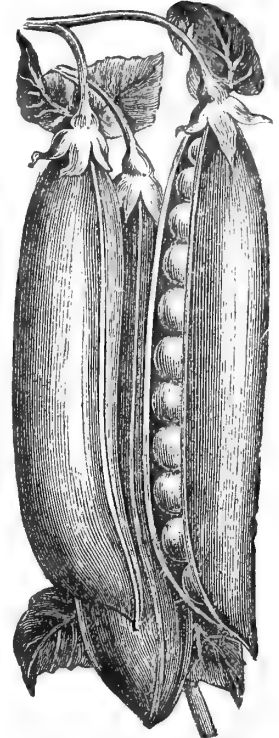
## Second Early Varieties

**Ameer**—Resembling Alaska in manner of growth, but a week to ten days later, the greatest difference being in the size of the pod, which is much larger and slightly curved. Seed, green, smooth; height 2½ ft. Pkt., 10c; pt., 20c; qt., 35c; pk., \$2.00.

**Admiral Dewey**—The very best, long podded, large vine, wrinkled pea yet introduced. Pods of the largest size, frequently six inches in length, rounded in point, deep green in color and well filled with large peas of the richest flavor; height 3½ feet. Pkt., 10c; pt., 25c; qt., 40c; pk., \$2.25.

**Dwarf Champion**—Habit strong, vigorous, bearing very large pods, long and heavy, very much like Juno but not quite so broad, blunt at the ends. This has proven to be very productive. Seed medium sized green, wrinkled; height two feet. Pkt., 10c; pt., 25c; qt., 45c; pk., \$2.50.

**New Telephone**—Seed green, wrinkled, height about four feet; foliage luxuriant, peculiar light shade of green; pods unusually large, elegant shape, slightly curved, well filled with peas of large size. A most desirable variety for those who wish a large, showy pea. Pkt., 10c; pt., 25c; qt., 40c; pk., \$2.25.



Pride of the Market.

## PUMPKINS

One pound for 200 to 300 hills; four pounds per acre.

**King of the Mammoth**—This is the genuine strain of the true Mammoth Pumpkin. The largest pumpkin grown, often attaining a weight of 200 pounds and over. The flesh and skin are of a bright, golden yellow color, of excellent quality and a splendid keeper. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00, prepaid.

**Sweet Potato**—Pear shaped, size medium; creamy white in color, sometimes striped with green; flesh fine grained and very sweet. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c, prepaid.

New Telephone.

**Small Sugar**—Handsome and prolific; of small size, averaging about ten inches in diameter. Skin deep orange yellow. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, prepaid.

**Connecticut Field**—One of the best for field culture; can be grown with corn, largely used for stock feeding. Deep, rich yellow color. Oz., 10c; ¼ lb., 15c; lb., 40c, prepaid.

**Large Cheese or Ky. Field.** A popular variety in the South. Fruit flattened; skin mottled light green and yellow; flesh tender; excellent quality. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 40c.

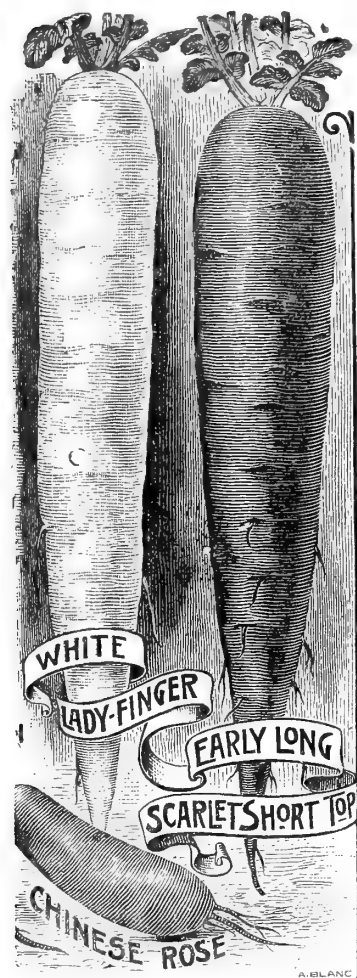
**Cushaw**—A prolific variety; large size, frequently weighing 60 pounds and over; color, white striped and mottled with green. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; prepaid.



Connecticut Field.

# RADISH

HARNDEN'S SELECTED RADISH SEED, GROWN BY THE BEST AMERICAN AND EUROPEAN GROWERS.



**Culture**—For the first crop sow as early in the spring as the ground can be worked, and every two weeks throughout the season for a succession. A warm sandy loam, made rich and light by some good strong manure will be most likely to afford them bittle and free from worms. Sow in drills ten to twelve inches apart. The winter varieties should be sown in July and August. Like the turnip, they make the best growth in the autumn, and must be taken up before frost and stored away in a cool cellar in sand, or a pit, where they will keep tender and crisp all winter. One ounce seed for 100 foot of drill.

**Harnden's Selected Early Scarlet Turnip, White Tipped**—This is the most important sort for out-door sowing. Our market gardeners plant hundreds of pounds of this variety each year. The color is just right and the size always asked for by the hotels and grocers. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, prepaid; 5-lb. lots, not prepaid, \$2.50.

**Extra Early Deep Scarlet Turnip, White Tipped, Forcing**—A beautiful variety, deep scarlet with white tip; popular as a market variety. Does not show as much white as the ordinary Scarlet T. W. Tip. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid; 5 lbs., not prepaid, \$2.50.

**Philadelphia White Box**—Roots round and smooth, very white and handsome; remains solid and juicy long after full grown; desirable for forcing, but a splendid out-door radish as well. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

**Crimson Giant Globe**—The best radish for forcing or early planting out of doors, will grow larger and remain solid longer, than any other round red forcing radish. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

**Harden's Early Scarlet Globe**—A desirable turnip sort for hot-bed forcing and out-doors; very early; flavor mild, crisp, juicy and tender; top small, will stand heat, without becoming pithy. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; postpaid; 5 lbs., by express, not prepaid, \$2.50.

**Improved Chartier**—The color at the top is crimson, running into pink about the middle, and from thence down it is pure waxy white; it is of quick growth, and does not become stringy. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; postpaid.

**Wood's Early Frame**—This variety is similar in shape to the Long Scarlet, but shorter and fully ten days earlier; much used for forcing. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

**Long White Vienna or Lady Finger**—This is one of the finest long radishes, beautiful in shape, skin and flesh pure white. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

**Icicle**—The earliest and finest long white radish. The young radishes are ready for use even earlier than the long scarlet, and continue to grow for a long time, fully retaining their tenderness and mild flavor until quite large. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 60c, postpaid.

**White Strasburg**—A leading sort on our market; half long in shape; both skin and flesh pure white, firm and brittle; grows to a large size and withstands severe heat. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

## Standard Varieties

	Pkt.	Oz.	¼ lb.	lb.	Not Prepaid.	
Early White Turnip	\$0.05	\$0.10	\$0.20	\$0.60	5 lbs. \$2.50	10 lb. \$4.50
Early Deep Scarlet Turnip	.05	.10	.20	.60	2.50	4.50
French Breakfast	.05	.10	.20	.60	2.50	4.50
Yellow Summer Turnip	.05	.10	.20	.60	2.50	4.50
Long Scarlet Short Top	.05	.10	.20	.60	2.50	4.50
Giant White Stuttgart	.05	.10	.20	.60	2.50	4.50
Round White Spanish	.05	.10	.20	.65	2.65	4.75
Round Black Spanish	.05	.10	.25	.70	2.75	5.00
Long Black Spanish	.05	.10	.25	.75	2.75	5.00
California Mammoth White Winter	.05	.10	.25	.70	2.75	5.00
Chinese Celestial	.05	.10	.25	.75	2.75	5.00
Rose China Winter	.05	.10	.25	.70	2.75	5.00

## RHUBARB

**Culture**—Sow in drills one foot apart, one inch deep, when a few inches high, thin to a foot apart. In fall or spring prepare the ground for the final bed by trenching two feet deep, mixing a liberal quantity of manure with the soil. Set the plants three feet apart each way.

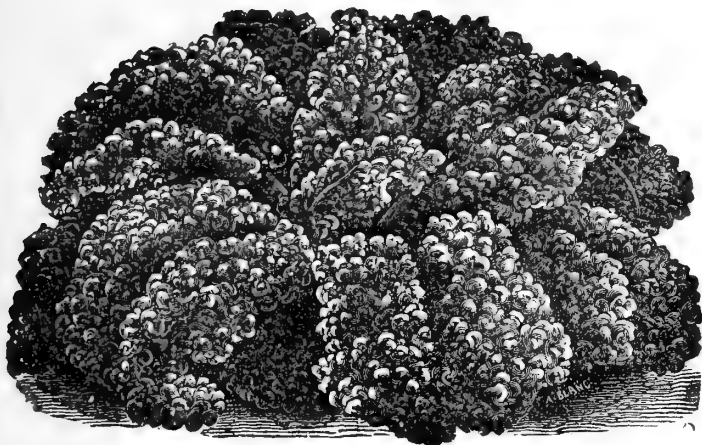
**Linnaeus**—The earliest for market purposes. Pkt., 5c; oz., 10c ¼ lb., 35c; lb., \$1.25.

**Victoria**—Large and tender. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.

**Roots**—not prepaid, dozen, 50c; each, 10c; prepaid, 2 for 25c; per doz., \$1.00; \$3.00 per 100, not prepaid.



## SPINACH



**Bloomsdale or Savoy Leaved.**

**Bloomsdale or Savoy-Leaved**—Leaves large, curled and wrinkled like Savoy cabbage, very hardy. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 35c, postpaid; 5 lbs., 90c; 10 lbs., \$1.50, not prepaid.

**Long Standing**—Standard with gardeners; leaves thick, fleshy and crumpled, round, large and of a dark green color; slow to run to seed. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 35c, postpaid; 5 lbs., 90c; 10 lbs., \$1.50, not prepaid.

**Culture**—Spinach is an important market gardeners' crop, of easy culture. For spring and summer use, sow in drills one foot apart and one inch deep, as early as the ground can be worked, and every two weeks for a succession. For winter and early spring use, sow in September in well manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich; the stronger the ground the more delicate and succulent will be the leaves. The New Zealand Spinach, which requires more room, as it makes a large and spreading plant, may be started from seed early in the spring to give greens during the heat of summer. Light applications of nitrate of soda have often a magic effect on spinach.

**Thick Leaves Round**—Good for either fall or spring sowing; very hardy; leaves large, round, thick. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 35c; postpaid; 5 lbs., 90c; 10 lbs., \$1.50, not prepaid.

**Prickly Winter**—Matures a little earlier than the round leaf sorts; very hardy, good for winter planting. Pkt., 5c; oz., 10c; ¼ lb., 15c; 1 lb., 35c; prepaid; 5 lbs., 90c; 10 lbs., \$1.50, not prepaid.

**New Zealand**—Unlike other spinach it thrives during hot weather or in any soil. The tender shoots are of good quality and may be cut through the summer. Plant three or four seeds in hills two feet apart each way. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

## SQUASH



**Chicago Warty Hubbard.**

1 ounce of seed to every twenty-five hills.

### SUMMER VARIETIES.

**Mammoth White Bush Scallop**—An early flat, scalloped variety, pure white, favorite early sort. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c, postpaid.

**Giant Summer Crook Neck**—Early, rough, warty surface, orange yellow, good quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, postpaid.

**Vegetable Marrow**—A large oblong variety, producing fruit which is dark green at first, becoming marble and striped with yellow and lighter green as they mature. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

### WINTER VARIETIES.

**Chicago Warty Hubbard**—The principal late squash for commercial purposes. An improvement on the old Hubbard. Skin heavily warted. The best late squash to plant for general crop. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c, prepaid.

**Golden Hubbard**—A perfect type of the Green Hubbard, except in color, which is a bright, deep orange-yellow, very showy and attractive. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, postpaid.

**Boston Marrow**—A fall and winter variety of medium large size, oval shape, bright orange color with a shading of light cream color. Flesh rich yellow, fine grained, rich, delicious flavor. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

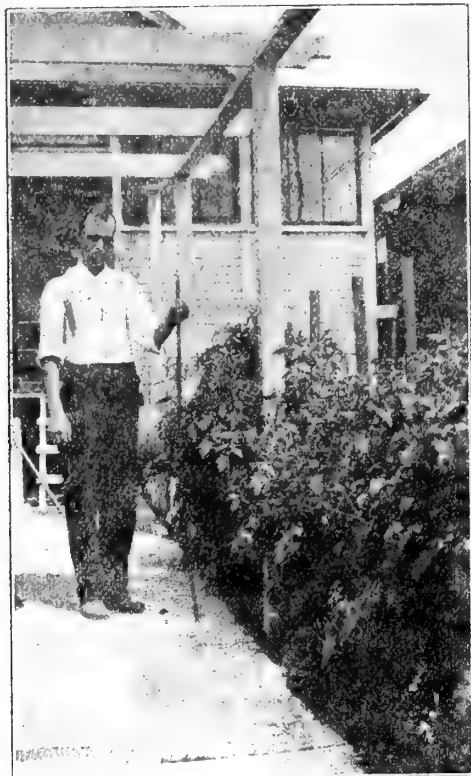
**Pikes Peak or Sibley**—Pale green; flesh thick, solid. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00.

## Salsify or Vegetable Oyster

One of the most desirable winter vegetables. The roots when cooked are very palatable and are served in a variety of different ways.

**Culture**—It succeeds best in a light, well enriched soil; coarse and fresh manure should be avoided, as it will surely cause the roots to grow uneven and ill-shaped. Sow the seed as early as possible, and quite deep in drills about eighteen inches apart, and thin the plants to three inches in the row.

**Mammoth Sandwich Island**—This variety grows to an extra large size, averaging fully double the size and weight of roots of the old French variety. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.35.



Harnden's Giant Climbing Tomato.

**Livingston's Dwarf Stone Tomato**—In habit of vine it resembles Dwarf Champion, but is of stronger growth and more erect. The fruit resembles Livingston's Stone in color, shape, and is practically the same size; double the size of Dwarf Champion, yet equally as early; more productive. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

**Matchless**—A large, bright red tomato; fruit large, smooth and symmetrical; flesh bright red color. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.

**New Stone**—Large, smooth tomato; color bright scarlet; ripens evenly on the stem; solid, an excellent shipper, very productive; fine for canning; a general favorite with all who have used it. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

**Dwarf Champion**—The best early tomato grown; entirely distinct in habit of growth and foliage; vines are dwarf and compact, grow stiff and upright, with thick, short-jointed stems. Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

**Livingston's Beauty**—True stock grows in clusters of four or five; glossy crimson, partaking of some of the characteristics of the Acme; retains its color and size until late in the season. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.

**Spark's Earliana Tomato**—This tomato has become very popular with many growers of tomatoes for early market; it is a very excellent early variety; good size, good color; twice as many plants can be grown on an acre of this variety than any other variety grown. Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

**Crimson Cushion or Beefsteak**—Fruit large; color bright scarlet, flesh solid and of good quality; cells small and few in number; very productive; fruit finely formed and of handsome appearance. Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

## TOMATOES

### HARNDEN'S SELECTED TOMATO SEED.

**Culture**—Tomatoes do best on not over rich, warm soil, and success depends upon securing a rapid, vigorous and unchecked growth during the early part of the season. Even a slight check while the plants are small will materially diminish their productiveness. Sow the seed in hot-beds or seed boxes, and when the plants have four leaves, transplant into shallow boxes or cold frames.

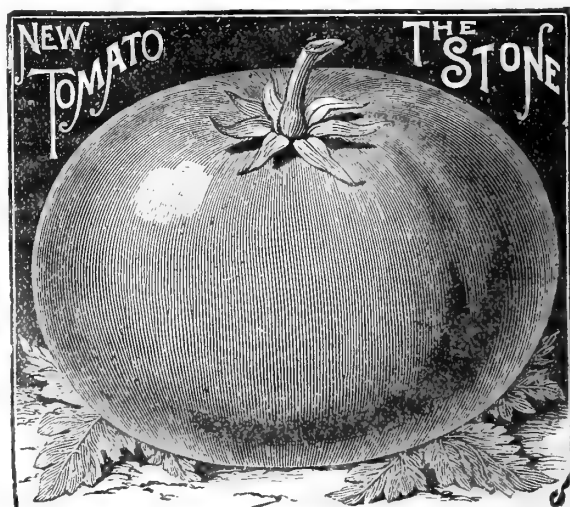
### HARNDEN'S GIANT CLIMBING TOMATO.

We have here the ideal tomato for the city farmer or back yard garden. A large tomato of rich red color, some of which weigh as high as one and one-half pounds, solid, meaty and an excellent canner. The above photograph was taken from a back yard garden in Kansas City the latter part of June. The vines at that time had already grown to a height of about five feet and were loaded with green tomatoes, and by the middle of August they were to the top of the trellis. Any ordinary poultry wire will do for a trellis and the vines should be tied every foot or so with raffia to help support as they will get pretty heavy. The lower branches, could be pruned up about eighteen inches from the ground. We have arranged to have several thousand plants for this season and will sell them as long as they last at 50c per dozen. Seed, pkt., 10c, oz., 50c. postpaid.

**Trucker's Favorite**—The finest large-fruited purple tomato. Most regular in form and size; thick-meated and very solid; this is one of the largest smooth tomatoes grown. Well ripened throughout. The smooth flesh fruits always bring the highest prices on our Kansas City market, where their fine flavor is especially esteemed. The fruits continue of large size to the very last, and are always unexcelled for slicing or cooking. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.

**Large Red Trophy**—Rich red color, very productive, smooth, fine grained fruit, strong, vigorous growing vine. One of the best late tomatoes. More largely used by canners than any other variety. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

	Prepaid		
	Oz.	$\frac{1}{4}$ lb.	lb.
Acme—The earliest, bright pink tomato . . . . .	\$0.20	\$0.60	\$2.00
Livingston's Favorite—Bright red; good size . . . . .	.20	.60	2.00
Livingston's Perfection—Standard red . . . . .	.20	.60	2.00
Royal Red—Large, smooth red; heavy cropper . . . . .	.20	.60	2.00
Ponderosa—The largest tomato in cultivation . . . . .	.35	1.00	3.50
Red Cherry . . . . .	.35	.75	2.50
Yellow Pear . . . . .	.25	.75	2.50
Yellow Plum . . . . .	.25	.75	2.50
Butkey State. Pkt., 5c, oz., 25c; $\frac{1}{4}$ lb., 75c; 1 lb., \$2.50.			







Tobacco.

## AROMATIC, MEDICINAL and POT HERBS

Varieties marked with an \* are perennials.

	Pkt.	Oz.	
Anise (Anis) .....	\$0.05	\$0.10	
*Balm (Melisse) .....	.05	.25	
Belladonna (Tollkirsche) ..	.05	.30	
Basil, sweet (Basilicum) ..	.05	.15	
Borage (Gurkenkraut) ..	.05	.15	
*Caraway (Kimmel) ..	.05	.10	
Coriander (Koriander) ..	.05	.10	
Dandelion (Loewenzahn) ..	.05	.25	
Dill (Dill) .....	.05	.10	Marjoram.
*Fennel (Fenchel) ....	.05	.20	
*Lavender (Lavendel) ..	.10	.35	
common .....	.05	.15	
Marjoram (Marjoran) ..	.05	.15	
*Rosemary (Rosmarin) ..	.10	.40	
Rue (Route) .....	.05	.15	
Sage (Salbei) ¼ lb., 50c	.05	.15	
Saffron (Safron) kraut ..	.05	.20	
*Summer Savory Bohnen ..	.05	.20	
Sorrel (Sauerampfer) ..	.05	.20	
*Thyme (Thymian) ...	.10	.30	
*Wormwood (Wermuth) ..	.05	.20	



Marjoram.



Sage.

## Rutabagas or Swedes

**Culture**—Sow the seeds about a month earlier than turnips. Rutabagas should be sown on ground enriched with well rotten manure, in drills 2½ feet apart, and should be thinned to 6 to 8 inches apart in row.

**Improved American Purple-Top**—Leading yellow variety; very productive solid and of excellent flavor; the roots grow to a large size, and are of the finest quality; unsurpassed for stock feeding. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c, postpaid; by express, 5 lbs., \$2.00.

## TOBACCO SEEDS

The Tobacco Seed we offer has been carefully grown on crown shoots only, and improved by continuous selection. It will be found true to name and of the highest vitality.

**White Burley**—This variety is especially valuable to manufacturers, either for cut or plug tobacco. It is sometimes used for wrappers. Pkt., 10c; oz., 50c; ¼ lb., \$1.50.

**Connecticut Seed Leaf**—The largest, best and finest variety of this indispensable kind. Pkt., 10c; oz., 25c; ¼ lb., 75c.

**Big Havana**—A hybrid Havana or Cuban seed leaf; a heavy cropper of fine texture, delightful flavor and the earliest cigar variety to mature. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

**Missouri Broad Leaf**—Extensively grown in Kansas and Missouri; the large broad leaves are used for the wrappers. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

## TURNIPS

First early varieties of turnips should be planted just as early in the spring as the ground is dry and warm. You may sow them in drills, beds or late broadcast, or among corn. The Winter Rutabaga varieties and also the early sorts will do better if planted in drills; make the drills at least eighteen inches apart, and then thin out the plants when well up to from six inches apart down to three inches, according to the variety.



Purple Top White Globe

**Extra Early Red-Top Milan**—The earliest strap-leaf variety, maturing a week earlier than any other sort; bulbs white, purplish top; flat and solid. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

**Early White Egg**—Pure white, egg-shaped, rapid grower and fine quality. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c, postpaid.

**Purple Top Strap-Leaf**—The most popular variety grown. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c; postpaid; by express, 5 lbs. \$2.00.

**Early White Flat Dutch**—A popular, well-known early sort; the best variety for spring sowing. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c; prepaid; by express, 5 lbs., \$2.00.

**Purple-Top White Globe**—Improved variety of Purple Strap-Leaf, globular shaped; smooth and a favorite sort for market gardeners. It keeps well, and is excellent for early or winter market. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c, prepaid; by express, 5 lbs., \$2.00.

**Pomeranian White Globe**—Valuable both for stock feeding and for table use; the roots will frequently grow to 12 lbs. in weight. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c, postpaid; by express, 5 lbs., \$2.00.

**Seven-Top or Forester (Winter Green)**—Used extensively in the South for winter greens; does not produce a good bulb; desirable only for its tops; is very hardy and will grow all winter. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c, postpaid.

**Amber Globe**—Yellow flesh, firm, fine grain; very sweet; skin yellow, with green top; keeps well; very popular in the South. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c; postpaid; by express, 5 lbs., \$2.00.

# FLOWER SEEDS

## New and Standard Varieties

PRICES ON FLOWER SEED ARE PREPAID EITHER TO GO BY MAIL OR EXPRESS.

FLOWERS FROM SEED ARE USUALLY KNOWN AS ANNUALS, BIENNIALS AND PERENNIALS.

ANNUALS bloom and ripen seed the first year and then perish.

BIENNIALS do not generally flower the first season and are in perfection only one year.

PERENNIALS continue to flower for several years in succession. Many of them bloom the first year if sown early.

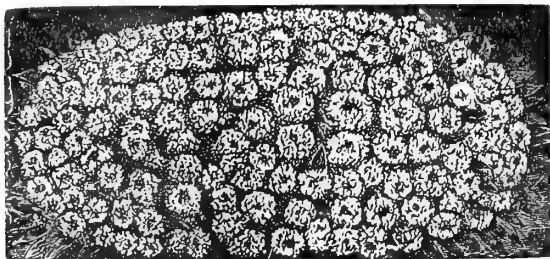
**HARDY ANNUALS**, Biennials and Perennials can be sown in the open ground early in the spring if desired, and Biennials and Perennials will not require any protection in winter.

**HALF HARDY ANNUALS**, Biennials and Perennials should not be sown in open ground until settled warm weather, though they can be sown in the house, if desired early and afterwards transplanted. The two latter need to be protected in the winter, or carried over until spring in cold frames or greenhouses.

**FLOWERS FROM SEEDS.** Every one admires the comfortable and cheerful appearance of the homes of the thrifty. Flower gardening is a delightful and healthful out-door recreation. Fascinatingly interesting from the planning of the garden to the satisfaction of seeing the blooms unfold their manifold colors and gorgeous beauty. Spreading fragrance and refinement to all. There is no surer and quicker way to beautify and refine your surroundings than by planting flower seeds. We urge their extensive use, their culture is easy.

Our flower seeds are put up in packets by ourselves and our customers will find culture directions on the back of each packet.

A good rule to follow in planting flower seeds is to plant four times the depth of the diameter of the seed you are planting. **Plant in rows** so that the plants can be easily seen. **Thin out** the young plants if you find they are crowded when they come up. **Keep as free from weeds as possible.**



**Alyssum—Little Gem or Carpet of Snow.**

**AGERATUM**—One of the best summer blooming plants grown from seeds. They are rapid growers, early and constant bloomers. Set the dwarf varieties 10 inches apart. Dark blue and white. **Pkt., 5c; oz., 25c.**

**ALYSSUM**—Pretty little plants for beds, vases, edgings or rock work, with delicate white flowers of exquisite fragrance.

**MARITIMUM**—Very sweet scented. **Oz., 30c; pkt., 5c.**

**ALYSSUM, Little Gem**—This should really be called the Carpet of Snow. The plants are only about 2 inches high, but grow very dense and are completely covered with snow white blossoms from early summer until frost. **Pkt., 5c; 1 oz., 40c.**

**SAXATILE COMPACTUM**—"Basket of Gold"—Showy golden yellow flowers; hardy perennial; blooms the first season; excellent for rock work; height 1 ft. **Pkt., 10c; oz., 60c.**

**AMARANTHUS—Caudatus** (Love Lies Bleeding)—**Pkt., 5c. Tricolor** (Joseph's Coat)—**Pkt., 5c. Splendens** (Rainbow Plant)—Plants of upright growth; the inner foliage is of a dark, blackish bronze, while the outer foliage is an intense flaming crimson. **Pkt., 5c.**



**Antirrhinum (Snap Dragon).**

**ANTIRRHINUM or Snap Dragon**—An old garden favorite, with odd shaped flowers and pretty spotted throats; succeed in any good garden soil. They blossom the first season from seed sown in the spring.

**Dark Scarlet—Pkt., 10c.**

**Coral Red—Pkt., 10c.**

**Queen Victoria**—Very large, pure white. **Pkt., 10c.**

**Black Prince**—Large flowers, almost black. **Pkt., 10c.**

**Galathee**—Crimson and white, **Pkt., 5c.**

**Delilah**—White and carmine, **Pkt., 5c.**

**Dwarf sorts, mixed. Pkt., 5c.**

**Tall varieties, mixed. Pkt., 5c.**

**AQUILEGIA or Columbine**—Hardy perennial plants, ornamental both in growth and flower and no bed of perennials would be complete without a due proportion of Columbine. **Single mixed pkt., 5c.**

## ASTERS

It is unnecessary to dwell on the great beauty of these popular flowers, as they are appreciated by every one.

The seed may be planted out of doors as soon as the ground is warm and dry. Sow the seed at intervals until the last of June using different strains and you will have a succession of bloom until frost.

**Queen of the Market**—The finest Dwarf Aster. It forms low bushy plants about ten inches high, of compact habit of growth, producing a great number of extra large flowers; fully two weeks earlier than other sorts. Mixed. Pkt., 10c;  $\frac{1}{8}$  oz., 35c.

**Queen of the Market**—Pure white, rose, light blue, dark blue. Pkt., 10c; 3 pkts., for 25c.

**Balloon Vine (Love in a Puff)**—A rapid growing climber, with peculiar inflated capsules. Pkt., 5c.

**Balsam Apple (Momordica)**—An annual climber, with yellow blossoms and beautiful foliage. The fruit when ripe bursts open, scattering its seed, and showing a brilliant carmine interior. Fine for trellisses, fences and stumps; half hardy annual. Pkt., 5c.

**MAGIC FERN FOOD FOR FERNS AND FLOWERS,**  
25 CENTS.



Aster—Victoria.

**Giant Comet**—The Comet Aster is well-known for its unique appearance, resembling the Japanese Chrysanthemums. The petals are longer and broader with the same beautiful wavy appearance of this class; 18 inches high; sulphur yellow, white, salmon rose, crimson, dark blue. **Finest Mixed.** Pkt., 10c; 3 for 25c;  $\frac{1}{8}$  oz., 25c.

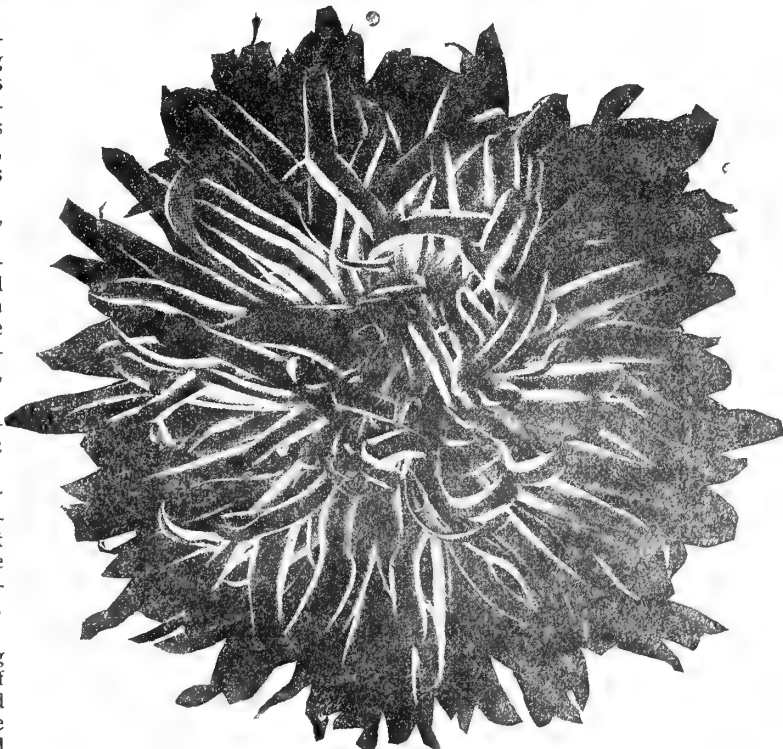
**White Fleaze**—Large Comet shape, Pkt., 10c;  $\frac{1}{8}$  oz., 50c.

**Improved Victoria**—Undoubtedly the finest Aster in cultivation; flowers large and perfectly double,  $1\frac{3}{4}$  feet high. Our strain of this variety is the very finest. Delicate pink, crimson, dark blue, white, violet purple, light blue. Pkt., 10c; 3 for 25c;  $\frac{1}{8}$  oz., 50c.

**Paeony Flowered Perfection**—Large, brilliant, very double and intricate,  $1\frac{1}{2}$  to 2 feet high; mixed. Pkt., 10c;  $\frac{1}{4}$  oz., 50c.

**Giant Branching Aster**—Beautiful aster for cut flowers, borne on long stiff stems; profuse bloomers; perfectly double, clear bright colors; deep violet, lavender, dark rose, pure white, light blue, indigo blue, crimson, salmon rose, finest mixed. Pkt., 10c;  $\frac{1}{4}$  oz., 40c.

**Violet King**—Soft violet, late branching habit; vigorous in growth, with long stiff stems; in form the flower is entirely new and distinct; petals somewhat resemble the quilled varieties, but are much larger and broader. Pkt., 10c;  $\frac{1}{8}$  oz., 25c.



Aster Giant Comet.



Balsam, Double Rose Flowered.

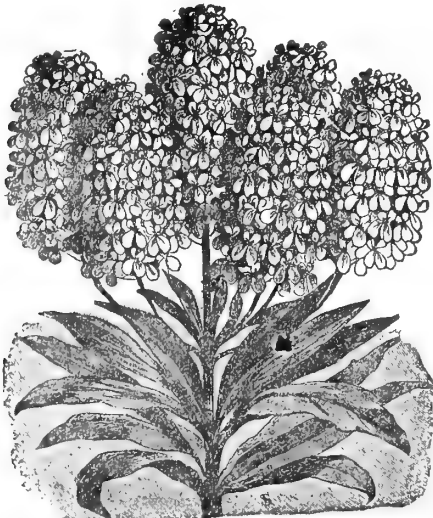
## Balsams

(Lady Slippers or Touch-Me-Not.)

To produce very double flowers they must be transplanted from the seed bed into rich soil; cut out some of the side branches when small. Sow the seed in March and transplant when three inches high. Plant in the open ground in May.

**Balsam Double Camellia Flowered**—Undoubtedly the showiest and most attractive variety of Balsam. Mixed colors. Pkt., 5c;  $\frac{1}{4}$  oz., 25c.

**Double Rose Flowered**—Has perfectly double rose-like blossoms of almost every shade and color. Mixed colors. Pkt., 5c;  $\frac{1}{4}$  oz., 25c.



Candytuft—Giant Hyacinth Flowered.

## CALLIOPSIS

**Golden Wave**—Plant very bushy and compact, about 2 feet high, and covered from July to October with hundreds of beautiful golden blossoms, marked with dark brown in center. Pkt., 5c;  $\frac{1}{2}$  oz., 15c; 1 oz., 25c.

## CALENDULA

**Orange King**—The best of all Marigolds. Pkt., 5c;  $\frac{1}{2}$  oz., 15c.

**Candytuft—Giant Hyacinth Flowered**—The flower heads are of immense size, 6 inches long and about 3 inches across, resembling a Dutch Hyacinth. They are pure white. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c.

Older sorts in mixed colors. Pkt., 5c; oz., 20c.

**Candytuft Perennial Gibraltarica**—Delicate blush white. Pkt., 10c.

**Cannas**—"Giant Flowered Crozy Type"—Our seed has been saved from a collection comprising over 50 kinds. Soak the seed in hot water 12 to 24 hours before sowing. When young plants show two or more leaves, they should be transplanted. Pkt., 5c; oz., 20c.

**Giant**—Bright red. Pkt., 5c; oz., 25c.

**Canterbury Bell** (Campanula)—Cup and Saucer. A very striking and beautiful variety, and a most desirable and attractive addition to this class of old garden favorites. Blue Pkt., 5c; Mixed Pkt., 5c.

**Dwarf Margaret Carnation**—A carnation that blooms the first year from seed. The plants are of dwarf, compact habit and flower most abundantly, through the whole year. Pkt., 10c; 3 for 25c;  $\frac{1}{2}$  oz., 35c.

**Grenadin**—Dwarf, brilliant scarlet, very early, flowering. Pkt., 10c. Large Double White, pkt., 10c.



Dwarf Margaret Carnation.

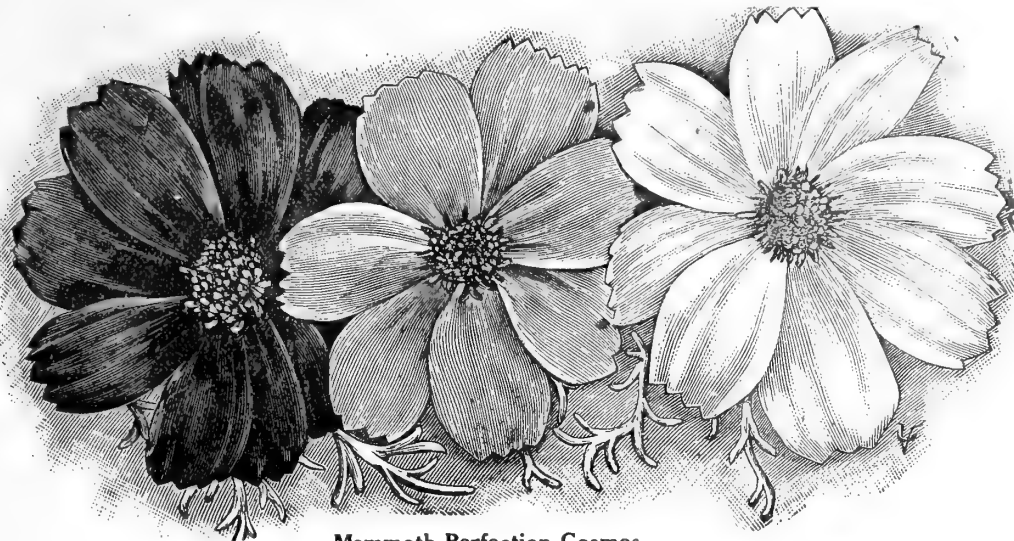
**CENTAUREAS** (Bachelor's Button)—Very free blooming, hardy annuals; also called Blue Bottle, etc. Pkt., 5c.

**CENTAUREA Imperials** (Giant Sweet Sultan)—The bushes are from 3 to 4 feet high and are covered with large sweet-scented flowers. Pkt., 5c.

**CHRYSANTHEMUM ANNUAL**—No annual furnishes so many cut flowers as these, which bloom plentifully throughout the summer. Sow seed early in the spring in shallow drills and thin out or transplant, plants to be 10 inches apart. Double varieties mixed. Pkt., 5c; oz., 15c.

**Indicum, fl. pl.**—Half hardy perennial; desirable as pot plant but sown more generally outdoors; very double, mixed colors. Pkt., 25c.





Mammoth Perfection Cosmos.

**COSMOS**—A very effective autumn flowering plant. Quite hardy and rapid growing, forming bushes often 4 to 6 feet high and covered with large single Dahlia-like flowers. Sow the seed early in the spring thinly in drills, or two or three seeds may be planted in places where seed are to bloom; have the plants stand about two feet apart. If topped when half grown the plants will bloom much earlier, the check seeming to induce immediate flowering.

**LADY LENOX**—The New Gigantic Orchard Flowering Cosmos—An entirely new race of Cosmos of extraordinary size and beauty. Flowers 6 to 7 inches in diameter. Color a delightful shell pink, lighting up beautifully at night. Habit of plant strong and vigorous, growing 6 to 7 feet high. Pkt., 10c.

**Mammoth Perfection**—These are monstrous white flowers with flecked and pinked edges; the dark crimson flowers resemble large single Dahlias; the tinted varieties are charming, and others again are flushed with mauve and pink. The flowers measure from 3 to 4 inches across. White, pkt., 5c; pink, pkt., 5c; crimson, pkt., 5c; all colors, mixed, pkt., 5c; early flowering, mixed, pkt. 5c; oz. 40c.

#### COBAEA SCANDENS.

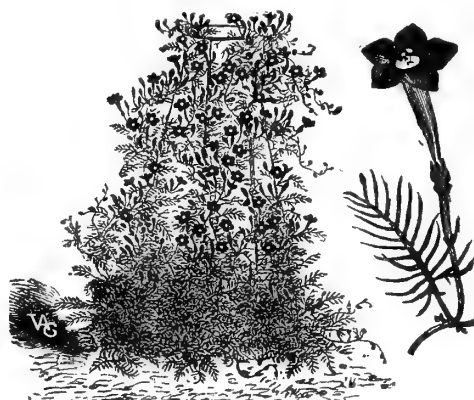
magnificent quick-growing climber with beautiful foliage and large bell-shaped flowers. Plant the seed edge-wise in moist earth and cover over slightly. Pkt. 10c.

**COCKSCOMB (Celosia)** Highly ornamental plants, producing crested heads, somewhat resembling a cock's comb, start in the house and transplant last of May.

Cobaea Scandens.

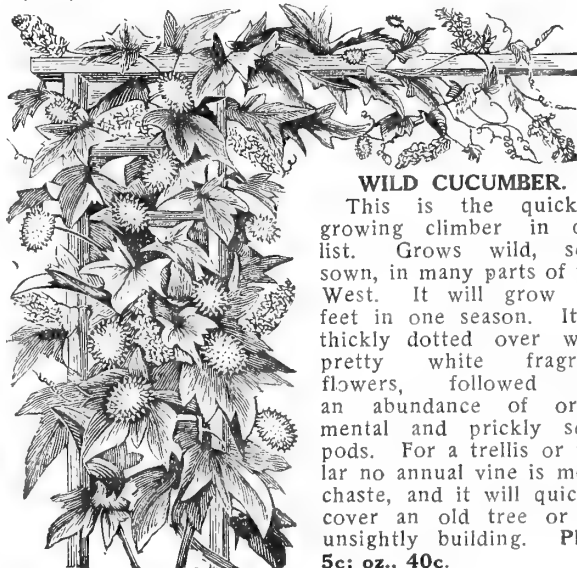
**COCKSCOMB (President Thiers)**—One of the most dwarf of all the cockscombs; bears large crimson combs; if planted alongside of rows of Golden Feverfew and Dusty Miller it will make one of the most brilliant strips of border; also a handsome pot plant. Pkt., 10c. Dwarf varieties, mixed, pkt., 5c.

**COCKSCOMB (Ostrich Feather)** — Ornamental, grown either in a pot or out of doors. Grows in pyramidal form, about three feet high. Its scarlet flower sprays are feathered, or plume shaped. Our mixture includes brightest colors in flowers and foliage. Pkt., 5c.



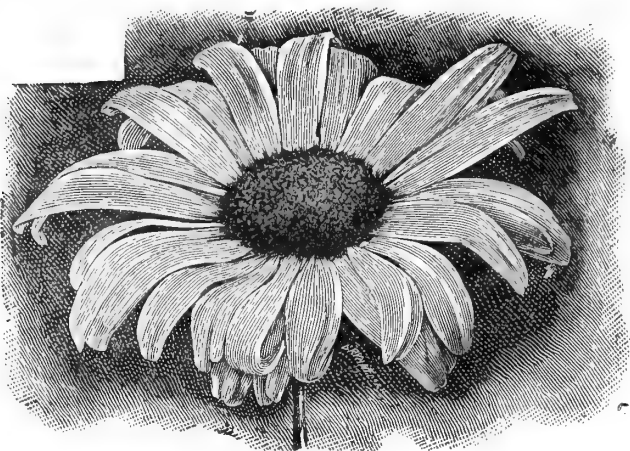
Cypress Vine.

**CYPRESS VINE (Impomoea)** — A most beautiful climber, with delicate dark green foliage and an abundance of bright star-shaped rose, scarlet and white blossoms. Do not plant seed till the ground is thoroughly warmed. White, pink, crimson. Pkt., 5c; mixed, pkt., 5c; oz., 25c.



#### WILD CUCUMBER.

This is the quickest growing climber in our list. Grows wild, self-sown, in many parts of the West. It will grow 30 feet in one season. It is thickly dotted over with pretty white fragrant flowers, followed by an abundance of ornamental and prickly seed pods. For a trellis or pillar no annual vine is more chaste, and it will quickly cover an old tree or an unsightly building. Pkt., 5c; oz., 40c.



Shasta Daisy.

**SHASTA DAISY**—A magnificent daisy or Marguerite, with pure white flowers with yellow centers. Borne on long, stiff stems; very valuable for cut flowers and decorative uses. The plants are perfectly hardy; blooms the first year from seed, but does not reach perfection until the second season. **Seed per pkt., 10c.**

**Shasta Daisy**—Pure creamy yellow. **Pkt., 10c.**

**DAISIES**—Plants of double daisies, will bloom the first summer and will continue to bloom for years if slightly protected during the winter.



Double Daisy.

**DOUBLE DAISIES** (*Bellis Perennis fl. pl.*)—Very pretty flowers, desirable for borders; can be easily raised from seed sown in spring. **Double white, pkt., 10c; double mixed, pkt., 5c.**

**AFRICAN "GOLDEN-ORANGE" DAISY**—The plants of neat branching habit, grow only twelve to fifteen inches high and are exceedingly profuse in flowering. Its Marguerite-like blossoms are of a rich glossy orange-gold. **Pkt., 10c.**

**DAHLIAS**—Grown from seed will flower the first year. Plant in the house in shallow boxes or pans; transplant as often as their growth requires; the seed germinates very easily. **Double mixed, pkt., 10c.**

**DELPHINUM** (*Larkspur*)—One of the most showy, hardy annuals in cultivation. The colors range in all shades of blue, white, pink, red and fawn. The shades are very seldom kept separate, as they are more effective when planted mixed.

**Annual Varieties:** Dwarf Rocket—Mixed, **pkt., 5c; oz., 40c.**

Tall Rocket—Mixed, per **pkt., 5c; oz., 40c.**

**Perennial Varieties**—Are taller than the annual varieties and need more space for growing. **Blue, pkt., 10c. Mixed, pkt., 10c.**

OUR FLOWER SEEDS HAVE ALL BEEN TESTED  
AND  
WILL GIVE THE BEST OF SATISFACTION.



Climbing Dolichos (Hyacinth Bean).

**CLIMBING DOLICHOS** (*Hyacinth Bean*)—(*Princess Helen Daylight*)—One of the prettiest climbers and certainly the most beautiful among the Dolichos or Hyacinth Beans. Of very rapid growth, the plant is indifferent to bad weather, and it will grow to a height of 15 feet by mid-summer. The flowers which appear in great numbers, are snow-white, sweet scented and are followed by cream colored pods, which hang on the plants until late in the fall. **Pkt., 5c; oz., 20c; purple, pkt., 5c; oz., 20c.**

**ESCHOLTZIA**, California Poppy—A genus of the poppy family, and fully as valuable as the common poppy for garden ornamentation, and as easily grown. Do not transplant. Height one foot.

**THE GOLDEN WEST**—Flowers have large overlapping petals, often delicately waved at the edges, showing beautiful and varied forms. Color an intense shining yellow with orange blotch at base of the petals. **Pkt., 5c.**

**FOXGLOVE** (*Digitalis*)—Plants grow 3 to 4 feet and produce dense spikes of brilliantly colored flowers. A valuable flower in every perennial garden. **Pkt., 5c.**

**FORGET-ME-NOT** (*Myosotis*)—Beautiful little plants, with star-like flowers, blooming the first year if sown early. **Pkt., 5c.**

**Alpestris**—Blue. **Pkt., 5c.**

**Alpetris Alba**—White. **Pkt., 5c.**

**Rosea**—**Pkt., 10c.**

**Victoria**—Sky Blue. **Pkt., 10c.**

**FOUR O'CLOCKS** (*Mirabilis* or *Marvel of Peru*)—Large growing shrub-like plants, with funnel-shaped flowers of many colors. **Mixed, pkt., 5c; oz., 15c.**

**GERANIUMS**—These grow readily from seed and produce blooming plants the first summer and there is always the chance of securing something new and desirable in that way. **Splendid mixed, pkt., 5c.**



Gaillardia Grandiflora Compacta.

**GAILLARDIA**—Splendid bedding plants, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom during the summer and autumn.

**Gaillardia Grandiflora Compacta**—A beautiful new hardy flower. Compact growing varieties of the hardy perennial Gaillardias, forming round bushes of about 12 to 15 inches in height and bearing its long-stemmed blossoms perfectly upright. The colorings of the flowers are rich and varied. As the plants produce their flowers most profusely and in constant succession from June to autumn, this novelty with its improved habit will prove to be one of the most desirable of all hardy perennials, grown for cut flowers. **Pkt., 10c; 2 for 15c.**

**Picta Lorenziana**—A charming profuse double flowering strain of the hardy Gaillardia, beautifully mixed colors. **Pkt., 5c.**



Ornamental Gourds.

**ORNAMENTAL GOURDS**—A class of rapid-growing annual climbers, which attain a height of 20 feet in a season, and are most useful for covering old trellises, fences, stumps, verandas, etc.

Calabash . . . . .	pkt.	\$0.10
Dish Cloth . . . . .	pkt.	.05
Nest Egg . . . . .	pkt.	.05
Dipper . . . . .	pkt.	.05
Sugar Trough . . . . .	pkt.	.05
Apple Shaped . . . . .	pkt.	.05
Pear Shaped . . . . .	pkt.	.05
Mixed . . . . .	pkt.	.05
Mixed . . . . .	oz.	.25

**THE HOLLYHOCK**, in its present state of perfection, is very unlike its parents of olden times. It now ranks with the dahlia, aster, etc., being exceedingly rich and varied in color, and as double as a rose, and in the best brightest and most charming colors. **Charter's finest mixed, pkt., 10c; oz., \$1.50. Double White, pkt., 10c; oz., \$2.00. Double Pink, pkt., 10c; oz., \$2.00. Double Crimson, pkt., 10c; oz., \$2.00. Double Yellow, pkt., 10c; oz., \$2.00.**

**New Everblooming**—Double and single mixed; blooms the first year from seed. **Pkt., 10c. Single Mixed, pkt., 5c.**

**HELIOTROPE**—A well-known old variety; its delightful perfume makes it a most desirable bouquet flower. **Pkt., 10c.**

**JAPANESE HOP**—(*Humulus Japonicus*)—A splendid annual climber of rapid growth; withstands heat, drouth and insects; remains fresh until late in the fall. Variegated leaves. **Pkt., 5c.**



Hollyhock: Charter's.

#### KUDZU VINE (Jack and the Bean Stalk Vine)

A vine that will grow and flourish where nothing else will. Invaluable for covering fences, porches, old or dead trees. This vine is a native of China and is cultivated for its beauty and also for the edible value of its roots. Its large bright green leaves afford a dense shade. It is hardy and will last for many years. Will grow fifty feet if permitted, and has dense foliage clear to the ground. **Pkt., 10c; oz., \$1.25.**

#### KOCHIA SCOPARIA

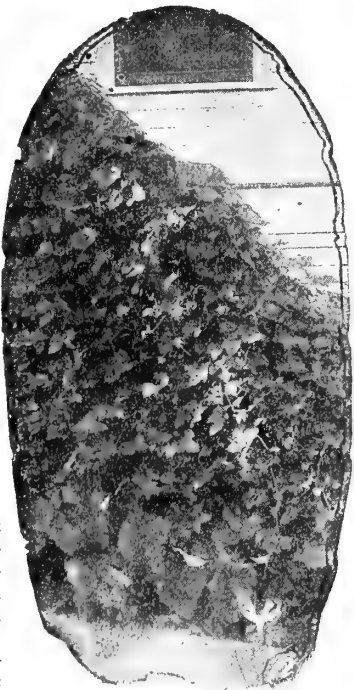
(Summer Cypress) — Pretty ornamental plant with fine feathery foliage, very much like Cypress Vine; light green turning to blood red in autumn. **Pkt., 10c.**

**LOBELIA** — Exceedingly pretty and of value chiefly for hanging baskets and border work.

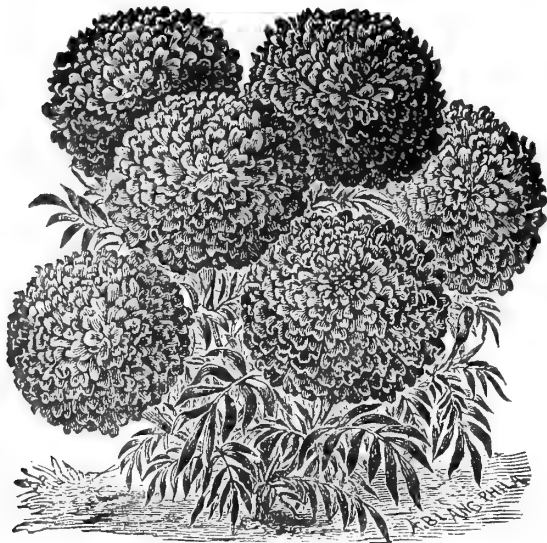
**Crystal Palace Compacta**—Deep blue, for bedding. **Pkt., 10c.**

**Lobelia Cardinalis**—Long spikes of rich cardinal flowers. **Pkt., 10c.**

**MAURANDIA**—Graceful climber for conservatory, parlor baskets, or out-door purposes; with rich purple, white and rose, tube-shaped flowers. **Pkt., 10c.**



Chinese Kudzu Vine.



Marigold, Tall African.

## Marigolds

The African and French Marigolds are old favorites; the former have uniformly large yellow or orange colored flowers and are well adapted for large beds; the latter are dwarf in growth, with beautifully striped flowers and better suited for bedding purposes; succeed best in light soil, with full exposure to the sun.

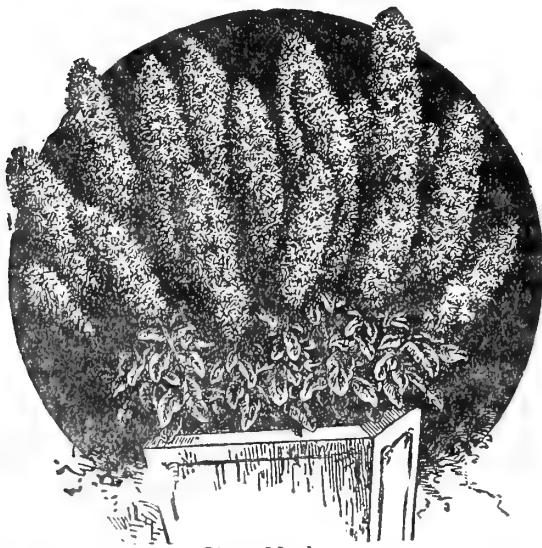
**Double Tall African**—Mixed, oz., 40c; pkt., 5c.

**Double Dwarf French**—Mixed, oz., 50c; pkt., 5c.

**Legion of Honor**—A beautiful single dwarf, bushy variety, bearing rich golden yellow flowers, marked with velvety brown; about 9 inches high. Pkt., 5c; oz., 40c.

**MAURANDIA**—Graceful climber for conservatory, parlor baskets, or out-door purposes; with rich purple, white and rose, tube-shaped flowers. Pkt., 10c.

## Mignonette



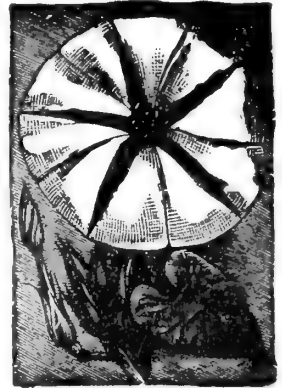
Giant Machel.

**Giant Machel**—There is no Mignonette which can equal this. Its flowers are larger in every way than those of other sorts, the spikes are very dense, its foliage distinct, while its odor is strong and most delicious. Pkt., 10c; ½ oz., 40c.

**Reseda Odorata (Sweet Scented)**—A well-known annual, producing dense, semi-globular heads of exceedingly fragrant flowers. Pkt., 5c; oz., 15c.

## Moon Flower

(White)—The most beautiful of annual climbers. In rich, warm ground the plants readily grow 25 feet high. The large flowers open at dusk, or earlier on cloudy days, at which time they are deliciously fragrant. Pkt., 10c; Moon Flower plants, 15c each; prepaid, 25c.



## Giant Japanese Morning Glory

**Special Mixture**—Nothing among flowers can furnish a more beautiful sight than screen or trellis of these "Giant Japanese Morning Glories." Soak the seed in water for 24 hours before sowing. Best single fringed, mixed, pkt., 10c; oz., 25c.

**Morning Glory (Convolvulus)**—The best known and most popular climber. Tall varieties, mixed, pkt., 5c; oz., 10c; ¼ lb., 25c.



Giant Japanese Morning Glory.



## NASTURTIIUMS

A more pleasing effect cannot be had than a beautiful bed of Nasturtiums. For planting around old stumps, mounds or rock fences, the tall varieties will cover it with brilliant blossoms. For raised mounds plant the dwarf mixed around the edges, which will produce a mass of blossoms from the ground to the top.

### Tall or Climbing Varieties

**Black Prince**—Velvety black purplish-crimson, dark foliage. Pkt., 5c; oz., 15c.

**Crown Prince of Prussia**—Blood red. Pkt., 5c; oz., 15c.

**Edward Otto**—Brownish lilac. Pkt., 5c; oz., 15c.

**Primrose**—Cream with brown spots, Pkt., 5c; oz., 15c.

**Lucifer**—Dark Scarlet. Pkt., 5c; oz., 15c.

**Pearl White**—Pkt., 5c; oz., 15c.

**Hybrids of Madam Gunther's**—This race is distinguished by its dark foliage and richness of color. They make a strong growth, climbing 6 to 10 feet high, and are covered with large flowers of the most brilliant shades. They are remarkable for their wide range in self colors, as well as striped and blotched. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c.

**Tropaeolum Lobbianum**—Mixed, each; Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**Extra Fine Tall Mixed**—A very choice mixture of the best named sorts, including some of "Lobb's Nasturtiums" and the beautiful "New Hybrids." Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00.

Few plants are more easily grown or remain longer in bloom. In favorable soil flowers are produced in abundance throughout the season.

### Dwarf Varieties

**King Theodore**—Dark maroon, bluish green foliage. Pkt., 5c; oz., 15c.

**Prince Henry**—Flowers beautiful golden yellow, spotted scarlet; deep brilliant foliage. Pkt., 5c; oz., 15c.

**Golden King**—Rich golden yellow. Pkt., 5c; oz., 15c.

**King of Tom Thumbs**—Dark scarlet, dark leaves. Pkt., 5c; oz., 15c.

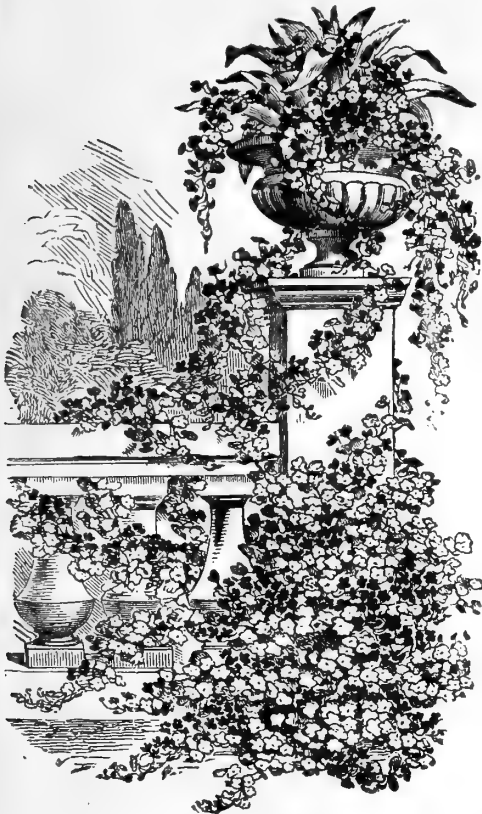
**Pearl**—Creamy white. Pkt., 5c; oz., 15c.

**Ruby King**—Rich Crimson. Pkt., 5c; oz., 15c.

**Extra Fine Dwarf Mixed**—Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25.

**Nicotiana Affinis.** (Sweet Scented Tobacco Plant.)—A handsome genus of garden plants of the tobacco family, noted for the freedom and fragrance of their bloom. Half hardy annuals, three feet high. Flowers white, salver shaped, having long tubular corollas, and are of exquisite fragrance. Deserves a place in every garden. Pkt., 5c.

**Nicotiana Sanderae**—Laden with handsome carmine blossoms from base to summit, which are produced on a single plant, making a beautiful plant for garden, bed or shrubbery border; a hardy annual, with dark foliage. Pkt., 10c.

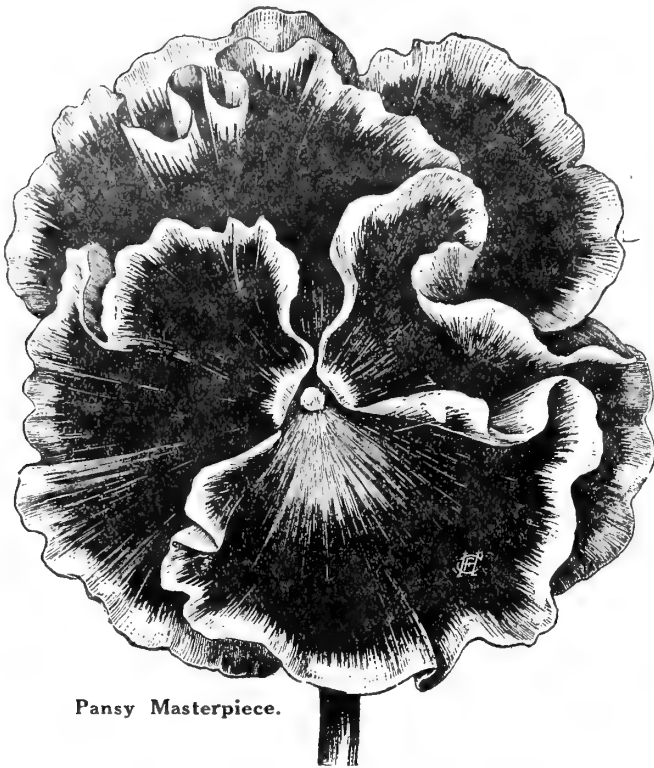


Climbing Nasturtium.



Nicotiana Affinis.

# PANSIES



Pansy Masterpiece.

May be sown in early spring or fall. When sown in the fall make fine blooming plants for early spring; if sown in spring will bloom through July and August. Pansies will bloom through the entire summer, but produce finest flowers in spring and fall when the weather is cool. They do better in a cool moist location.

Harnden's many colors, in good mixture, pkt., 5c; ¼ oz., 20c.

Harnden's Park Bedding Varieties comprise all the best colors and strains of pansies we have tested for the last fifteen years, and can recommend each and every one. The plants are of even growth; the flowers are large and well above the foliage; a fine strain for bedding purposes. Pkt., 10c; ½ oz., \$1.50; oz., \$2.50.

Harnden's Superb Mixed—The richest and choicest mixtures offered producing the finest colors and largest flowers. The finest pansy we have ever offered our customers. Pkt., 25c; ½ oz., \$1.25; ¾ oz., \$4.00; oz., \$7.50.

Giant Trimardeau—The largest flowering of all giant pansies. Contains a very fine assortment of colors. Pkt., 15c; oz., \$3.50.

Imperial Giant German Mixed—Pkt., 25c; ½ oz., \$2.50; or \$5.00.

## Masterpiece.

Masterpiece—This strain comes nearer to double Pansy than any other, it has the same number of petals as any other Pansy, but they are crumpled and curled in such a fashion that flowers appear double. Pkt., 15c; ¾ oz., 75c.

Emperor Frederick—Dark purple with golden orange border. Pkt., 10c.

King of the Blacks—Pkt., 10c.

Light Blue—Beautiful self-colored. Pkt., 10c.

Lord Beaconsfield—Deep pure violet. Pkt., 10c.

Meteor—Bright yellow and brown blotched. Pkt., 10c.

Peacock—Rainbow shades. Pkt., 10c.

Purple, White Edge—Pkt., 10c.

Purple Mantle—Fiery purple. Pkt., 10c.

Snowflake—Pure satiny white. Pkt., 10c.

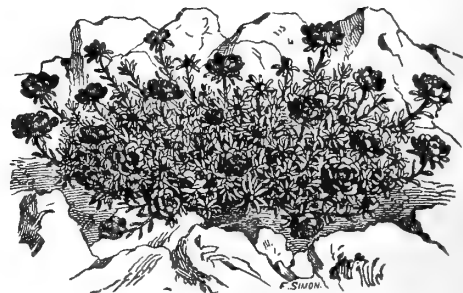
Striped and Fancy—Pkt., 10c.

Victoria—Splendid claret red. Pkt., 10c.



Many Colors Mixed.

# PORTULACA



Double Portulaca.

There is scarcely any flower in cultivation that makes such a dazzling display of beauty as bed of many-hued, brilliant colored Portulacas. They thrive best in a rather rich, light loam, or sandy soil, and an exposed sunny situation.

Single Mixed, pkt., 5c; ½ oz., 25c.

Double Mixed—A very fine strain, producing a great many double flowers. Pkt., 10c; ½ oz., 75c.

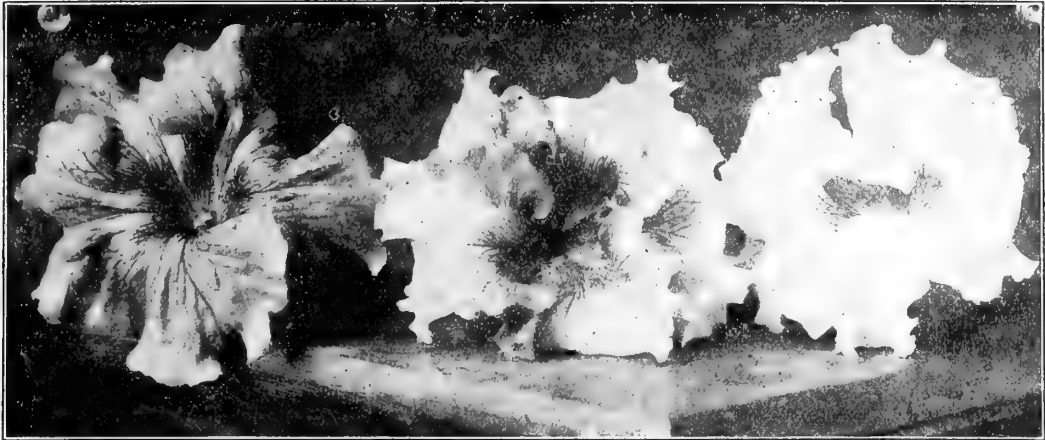
PYRETHRUM (Feverfew)—Very useful and universally admired bedding plants, deserving a place in every garden.

AUREUM (Golden Feather)—Beautiful gold-leaved bedding plant; used largely for ribbon bedding. Pkt., 5c.

SULPHO TOBACCO SOAP IS VERY EFFECTIVE WHEN USED AS A SPRAY IN DESTROYING INSECTS ON YOUR PLANTS.

WE WILL HAVE A GOOD SUPPLY OF PANSY PLANTS IN SEASON GROWN FROM OUR OWN SEED.

## PETUNIA



**Giants of California.**

Beautiful free blooming plants of easy cultivation. They commence flowering early and continue a mass of blooms throughout the season. Sow the seed any time in the spring in shallow drills or broadcast, and when well started thin out or transplant to stand 1 foot apart each way. The seed of the Double Giant Flowered varieties is so expensive that it would be advisable to sow it in boxes in March or April and transplant later.

**Giants of California.** "The Giants of California" bear gigantic flowers, often five or more inches in diameter, of an astonishing variety of colors. One of the chief points of excellence is the deep throat. Many of the flowers have a clear yellow throat, while others have a pure velvety black one, so deep that it seems to show no veining. Many are deeply lined and netted, on a white, pink, or lavender ground. Flowers are beautifully ruffled and frilled. Mixed, **per pkt., 25c.**

**Fluffy Ruffles (Single)**—The most delicate ruffled and fringed of all Petunias, slightly smaller than the Giants, but more ruffled. Mixed colors. **Per pkt., 25c.**

**Choice Mixed**—A very fine strain, including many of the large flowering varieties. **Pkt., 10c; 1-8 oz., 25c.**

**Large Flowering**—They are unexcelled in size, substance and brilliancy of color. **Pkt., 20c.**

**Admiration**—Beautiful dark blue with white stripes and spots.

**Alba**—Pure white.

**Single Large Flowering Fringed**—A choice selection; the flowers are of very large size and beautiful shape; deep throated and of varied and brilliant colors and beautifully fringed. **Pkt., 25c.**

**Double Large Flowering Fringed**—Will produce a large percentage of double flowers; of largest fringed varieties in bright colors and tints. **Pkt., 25c.**

## PHLOX

There is no annual which can be compared for beauty and brilliance of colors to the Phlox; their long duration in bloom, combined with their almost unequaled richness of color, render them of invaluable service. Sow the seed thinly in shallow rows and thin out or transplant the plants when two inches high, about 6 inches apart.

**Many Colors, Mixed**— $\frac{1}{4}$  oz., 15c; **pkt., 5c.**

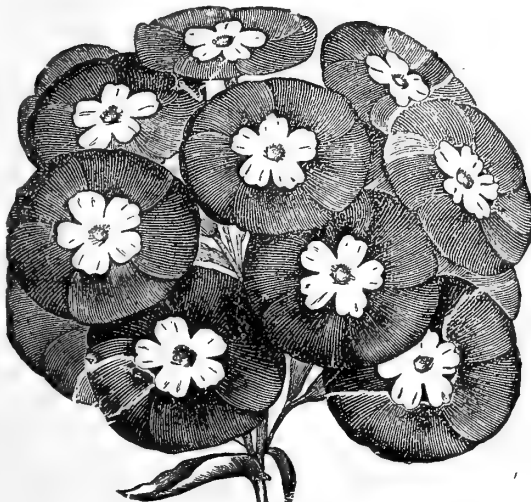
**Large Flowering Varieties, Mixed**— $\frac{1}{4}$  oz., 25c; **pkt., 10c; per oz., 75c.**

**Star of Quedlinburg**—A very striking variety. The growth is dwarf and the habit very compact; the flowers are very distinct, and of regular star-like appearance, thus producing a most brilliant effect. **Many colors, mixed, pkt., 10c; 1 oz., 75c.**

**DWARF PHLOX**—A lovely strain, the plants growing very symmetrical in neat little bushes about 6 to 8 inches high, and covered with bright flowers during the whole summer and fall; much superior to the other phloxes for ribbon bedding or borders. **Mixed, pkt., 10c.**

**Snowball**—Flowers pure white. **Pkt., 10c.**

**Fireball**—Glowing brilliant scarlet. **Pkt., 10c.**



**Drummondii Grandiflora.**

## PINKS *Dianthus*

**Double Chinese**—The flowers are all double and very showy. **Mixed, per pkt., 5c.**

**Heddwigi (Japan Pink)**—Beautiful double flowers of the brightest colors. Handsomely fringed. Borne on long stiff stems. **Per pkt., 5c.**

**Mourning Pink**—The most striking of all pinks; rich velvety crimson, margined with pure white. **Pkt., 5c.**

**Plumarius (Sweet May Pinks)**—These are fine, fragrant perennials of old-time gardens, fine for massing and cutting. **Per pkt., 5c.**



Shirley, Silk or Ghost Poppy.



PINKS—*Dianthus*.

## POPPIES

These old fashioned flowers are at present, like the well-known Dahlias, regaining their old-time popularity. This is not strange when we consider how little time is required for their culture. Their brilliant color and wonderful variety make a very effective display in the garden or for cut flowers.

**Shirley, Silk or Ghost Poppy**—The Shirley Poppy is now new. The plants grow about 2½ feet high, with large, finely shaped flowers, being generally single or semi-double and running through a great variety of colors, especially strong in shades of terra-cotta and combinations of this with pink. **Pkt., 5c.**

**Tulip Poppy**—Produces, large, splendid, bright scarlet flowers, strikingly beautiful, reminding one of a dazzling bed of tulips; 14 inches high. **Pkt., 5c.**

**Carnation Flowered**—Splendid double fringed flowers of various colors. **¼ oz., 15c; pkt., 5c.**

**Feathered, double mixed, per pkt., 10c.**

**Oriental**—Enormous flowers of deep flashing scarlet; perfectly hardy; 3 feet. **Pkt., 10c.**

**Iceland Poppy**—Hardy perennial; blooming the first year from seed; of graceful, neat habit, with bright green, fern-like foliage. The colors range from purest white to the deepest orange scarlet; one foot high; orange, white and yellow. **Per pkt., 10c.**

## RICINUS Castor Bean

A very showy plant. Can be used in various ways; planted thickly it forms a handsome hedge or screen; may be used with cannas to a very good effect, lends a tropical appearance to the garden.

**Cambodgensis**—Large, palm-like leaves of brilliant bronzy red; stalks nearly black. **Pkt., 5c; oz., 20c.**

**New Zanzibar**—A new and distinct class which surpass in size and beauty all the varieties heretofore known. The plant grows from 10 to 15 feet high, and the leaves measure about 30 inches across. **Mixed varieties, ½ oz., 20c; pkt., 5c.**



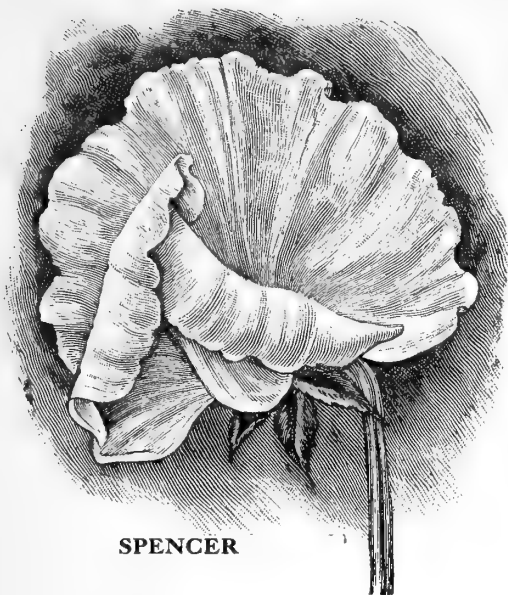
Ricinus—New Zanzibar.



Poppy—Carnation Flowered.



## SWEET PEAS



SPENCER

**Culture**—The seed should be sown as early as the ground can be worked in the spring, to enable the vines to get a good strong growth before the warm weather comes. They are usually grown in double rows with a wire trellis or a row of brush between. Make a trench six inches deep; in this sow the seed plentifully two inches deep. As soon as the plants begin to show through, fill up the trench with soil. This will secure a deep planting without the bad effect of deep covering of the seed at first. As the flowers come in full bloom or fade, they should be cut off, for, if the pods are allowed to form they will stop blooming. **Remember**—First, Sweet Peas do best in rich, moist soil; second, do not loosen soil around the plants; third, plant seed in a warm sunny spot. A liberal use of bone fertilizer worked into the soil will give excellent results.

## New Spencer Sweet Peas

The Spencer type are very much larger than the ordinary varieties. The finest Sweet Peas yet developed are obtained in this class. All Spencers are very shy seeders and the price will always be much higher than for the old type.

The standard and wings are waved or frilled and the effect much more graceful and attractive.

We have listed below the best varieties and recommend them to all lovers of Sweet Peas.

## Waved Spencer Varieties

**Apple Blossom**—Very large—standard rose, showing veins of deeper rose, wings light carmine on primrose ground. Pkt., 10c; oz., 25c; ¼ lb., 75c.

**Asta Ohn**—Pure lavender with tint of pinkish rose, self colored. Per pkt., 10c; oz., 25c; ¼ lb., 75c.

**Countess Spencer**—The original Spencer. Beautiful waved, very large, handsomely formed. Clear bright pink. Per pkt., 10c; oz., 25c; ¼ lb., 75c.

**Florence Morse Spencer**—Very large size. Delicate blush with pink margin. Per pkt., 10c; oz., 25c; ¼ lb., 75c.

**George Herbert**—Large waved blossoms, bright rose carmine. Per pkt., 10c; oz., 25c; ¼ lb., 75c.

**Helen Lewis**—Large size. Standard, crimson orange, wings orange rose. Per pkt., 10c; oz., 25c; ¼ lb., 75c.

**King Edward VII**—Very large size, pure bright red or crimson scarlet. Per pkt., 10c; oz., 25c; ¼ lb., 75c.

**Marie Corelli**—Large size, brilliant rose crimson, self color. Per pkt., 10c; oz., 50c; ¼ lb., \$1.50.

**Othello**—Very large size, deep velvet maroon. Per pkt., 10c; oz., 50c; ¼ lb., \$1.50.

**Promrose Spencer**—Large, pure, light primrose yellow. The finest variety of this color. Per pkt., 10c; oz., 25c; ¼ lb., 75c.

**Senator**—Very large size, Ivory white with flakes, splashes and stripes of chocolate, maroon and violet. Per pkt., 10c; oz., 50c; ¼ lb., \$1.50.

**White Spencer**—Large white seeded. The finest white and the most perfect of any in existence. Per pkt., 10c; oz., 20c; ¼ lb., 75c.

**Spencer Mixed**—Pkt., 5c; oz., 20c; ¼ lb., 75c.

**Extra Early Varieties**—Earliest of all. Extra early or Christmas type, standard rose; wings white, very early. Per pkt., 5c; per oz., 20c; ¼ lb., 50c.

**Mont Blanc**—Extra early or Christmas white, open from pure white. Per pkt., 5c; per oz., 10c; ¼ lb., 50c.

**Mrs. C. H. Totty**—Extra early or Christmas type, hooded form. Pure lavender. Per pkt., 10c; per oz., 25c; ¼ lb., 75c.

## Harnden's Large Flowering Grandiflora Varieties

Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

### WHITE.

**Dainty**—Pure white with pink edge. Very long stems.

**Dorothy Eckford**—Pure white, large flower.

**Blanche Burpee**—Large, pure white.

### DEEP AND LIGHT PINK.

**Alice Eckford**—Soft bright pink, perfect form, giant size.

**Apple Blossom**—Crimson pink, shaded white; wings white, shaded pink.

**Blanche Ferry**—Medium size, fine form, bright pink color, wings large.

**Katherine Tracy**—Soft rosy pink, light edges, large flowers.

**Lovely**—Deep pink, shaded to light pink.

**Prima Donna**—Large fine form. Blush pink.

### ORANGE PINK.

**Gorgeous**—Bright orange pink, shaded rosy lilac.

**Janet Scott**—Light pink and buff.

### LAVENDER AND LIGHT BLUE.

**Countess of Radnor**—Distinct beautiful shade of lavender.

**Countess Cadogan**—Little darker than navy blue.

**Dorothy Tennant**—Rose purple.

**Flora Norton**—Bright sky blue.

**Lottie Eckford**—White shaded with lilac.

**Lady Grisel Hamilton**—Large flower, distinct shade of lavender.

### DARK RED AND MAROON.

**Black Knight**—Dark Maroon.

**Black Michael**—Beautiful dark plum color; large.

**Mrs. Walter Wright**—Rose purple, changing to blue when full matured.

**Duke of Clarence**—Dark Claret.

### DARK BLUE AND PURPLE.

**Captain of the Blues**—Medium size; standard clear purple; wings blue.

**Duke of Sutherland**—Deep claret, standard; wings bright indigo blue.

**Duke of Westminster**—Almost a clear purple.

**Lord Nelson**—Deep navy blue.

**Mrs. Geo. Higginson, Jr.**—Azure blue.

**Navy Blue**—Blue, rich violet purple.

**Horace J. Wright**—Large size, Standard violet maroon; wings violet.

### YELLOW AND PRIMROSE.

**Hon. Mrs. E. Kenyon**—Fine large clear primrose.

### HARNDEN'S SPECIAL MIXTURE.

Prices, unless otherwise noted: Pkt. 5 oz., 20c; ¼ lb., 50c; 1 lb., \$1.50.



These annuals have showy, large, funnel shaped flowers; mottled, veined and self colored. They require a rich soil and will repay liberal treatment.

**Emperor, Mixed, per pkt., 5c.**

## SCABIOSA

**Mourning Bride.**—One of the handsomest summer plants, producing in great profusion very double flowers in a variety of shades and colors; a splendid flower for table bouquets; 1 to 2 feet. **Mixed sorts, pkt., 5c.**



**Zinnias—Giant Flowered Double**

## SWEET WILLIAM

**DIANTHUS BARBATUS**

The seed can be planted very early in the spring and will blossom the following summer; or sow in August will make blooming plants for spring. **Single, Mixed, pkt., 5c; Double, Mixed, pkt., 10c.**

## SALVIA—Flowering Sage

Most gorgeous plants, with intensely vivid scarlet flowers; a bed of them surpass the finest scarlet geraniums in brilliancy and continuous bloom.

**Splendens**—Scarlet sage. **Pkt., 10c; per oz., \$1.75.**

**Patens**—The purest and brightest blue of all flowers. **Pkt., 25c.**

**Clara Bedman (Bonfire)**—(See cut)—This new large flowering Salvia form handsome globular bushes about two feet high by two feet in diameter. Color brilliant, dazzling scarlet. **Pkt., 20c; per oz., \$2.50.**

**SALVIA (Ball of Fire)**—Of the many varieties now cultivated this is considered the best. It has larger flowers and is more free flowering than any other kind. The plants branch freely and are profuse bloomers, the side shoots producing from 4 to 6 flowering spikes so evenly divided over the foliage and of such erect habit as to hide the foliage. **Pkt., 25c; per oz., \$4.00.**

**Lord Fauntleroy**—Only 18 inches high, very compact, with flower spikes standing clear above the foliage. Fine for bedding in masses or for borders around beds of taller plants; fine for pots. The earliest of all. **Per pkt., 25c.**

## SWEET VIOLETS

Sow the seed in May, and when in flower in August and September, transplant in well enriched beds; soon after the snow is off in the following spring they begin to bloom and throughout the spring will give a profusion of flowers. **Blue, pkt., 5c.**

**STOCKS (Gilly Flowers)**—The Ten Weeks' Stocks are generally cultivated and bloom for ten or twelve weeks after being sown; they grow from 6 to 8 inches high, bearing an immense quantity of bloom of delightful fragrance. **Mixed, pkt., 10c.**

## VERBENAS

Plants grown from the seed are not only cheaper, but are strong and vigorous in growth, with rich, dark foliage, and continue in bloom until cut off by heavy frosts. Sow seed early in cold frame boxes in light sandy soil, in a sunny window, or it may be sown thinly in shallow drills in open ground. When the young plants are well started, they should be thinned or transplanted to stand twelve inches apart in the row.

**Hybrida**—Fine mixed; very good strain. **Pkt., 5c; ¼ oz., 30c.**

**New Mammoth Verbenas**—Of unusual size, embracing a wide range of colors. **Pkt., 10c; 1-8 oz., 40c.**

**Mammoth**—Large, pure white, **Pkt., 10c.**

**VINCA**—They flower from seed, if sown early, the first season, continuing until frost; or they may be potted and kept in bloom through the winter. **Rosea**—Rose, dark-eyed, **Pkt., 10c.** **Alba Pura**—Pure white. **Pkt., 10c.**

**THUNBERGIA (Black-Eyed Susan)**—Four feet, beautiful climbers for hanging baskets and lawn vases, flowers trumpet-shaped; mixed colors, **Pkt., 5c.**

## ZINNIAS

A very showy plant, with large double imbricated flowers, which might easily be mistaken for Dwarf Dahlias. Sow the seed thinly in drills early in the spring, transplanting the young plants when 2 or 3 inches high to stand from 1½ to 2 feet apart; or two or three seeds may be planted in a slightly raised hill.

**Giant Flowered Double Mixed**—This is a mixture of the largest Zinnias yet obtained. **Pkt., 5c; oz., 40c.**

White, Rose Pink, Violet, Canary Yellow and Crimson. **Pkt., 5c; oz., 40c.**

## Bulbs and Roots for Spring Planting

### Amaryllis—Johnsonii

**Giants of Vittata**—These are beyond doubt the most noble and showy of the Amaryllis family, all being exceptionally fine; many strikingly beautiful in their pencillings and markings. For want of space we shall describe and divide them into two general classes only, i. e., red variegated with white and white variegated with red. The red varies in tones from a brilliant fiery color to crimson. The variegation is sometimes a broad blaze of white in the center of each petal. Again the ground color is white wonderfully streaked with red or crimson. The flower spikes are from two to three feet high, the foliage is long and graceful. The flowers are borne in clusters, are trumpet shaped eight to ten inches across of great size and lasts in this perfect shape for a long time. 75c each if to go by mail add ten cents for postage.

### Single Tuberous Begonias



Single Tuberous Begonias.

The Tuberose Rooted Begonias are among the most beautiful and desirable of all bulbous plants. For bedding in quantity, and when planted in partial shade and protected from severe storms, will give great satisfaction. Single, mixed, all colors, 7c each; 4 for 25c; doz., 70c, postpaid.

## "BONORA," NATURE'S PLANT FOOD

Contains all the elements essential to plant life, compounded in such a way as to give the most beneficial results. If you value your crop, lawn, shrubs or trees you cannot afford to be without this wonderful fertilizer—"Bonora."

Put up in dry form in all size packages as follows:

¼ lb., making 7 gallons .....	\$0.35
1 lb., making 28 gallons .....	.65
5 lbs., making 140 gallons .....	2.50

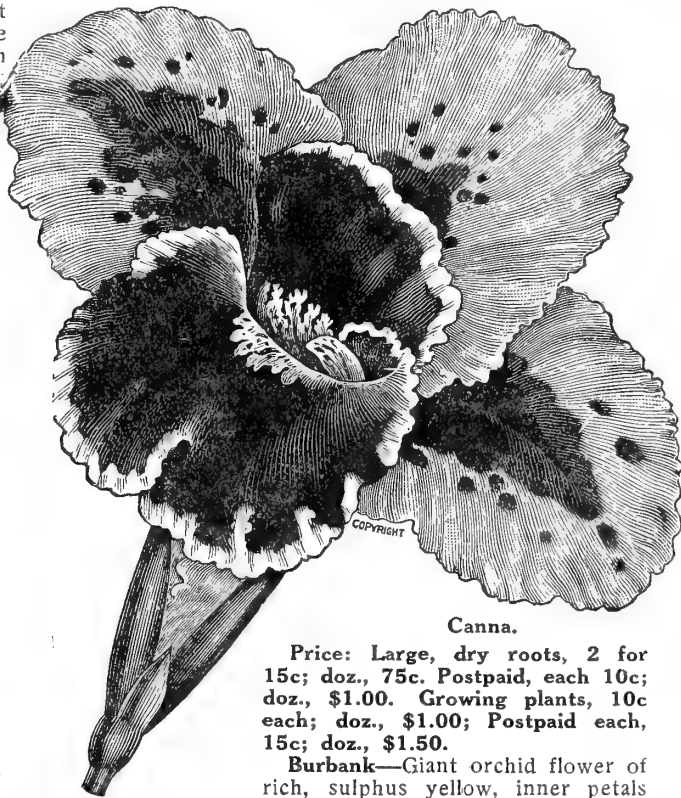
Circulars and further information on application.

### Caladium Esculentum

ELEPHANT EAR.

For\* obtaining tropical effects in lawn and garden planting, this beautiful plant takes a prominent place. Grows well in any garden soil, but should have plenty of water and good, rich soil to obtain best results. Extra large bulbs, 40c each; \$4.00 per doz. First size bulbs, 25c each; \$2.50 per doz. Add 10c each for extra large, and 7c for first size; if to go by mail.

### Cannas



Canna.

Price: Large, dry roots, 2 for 15c; doz., 75c. Postpaid, each 10c; doz., \$1.00. Growing plants, 10c each; doz., \$1.00; Postpaid each, 15c; doz., \$1.50.

**Burbank**—Giant orchid flower of rich, sulphur yellow, inner petals dotted with rich red, an excellent variety, blooms early and continuously. Foliage green and very compact. Height 4½ feet.

**Buttercup**—Flowers pure buttercup yellow with fine dots of bright red on lower petals. This is one of the oldest and best of the standards; always in bloom. Foliage green. Height 4 feet.

**Chas. Henderson**—Flowers brilliant crimson scarlet with yellow flame in throat; one of the best for bedding, a profuse bloomer; the great trusses of blooms always command admiration. Foliage green, dwarf and compact. Height 3½ feet.

**David Harum**—Bronze foliage; flowers scarlet, dotted crimson, 3 to 3½ feet.

**Duke of Marlborough**—Deep crimson maroon; 4 feet.

**Egandale**—Flower deep currant red of a peculiar and pleasing shade; it is an early and constant bloomer; one of the best bedders grown. Foliage rich bronze red. Height 3½ feet.

**Pennsylvania**—Large orchid flowered, scarlet; overlaid with orange. 5 to 6 feet.

**Florence Vaughan**—Yellow with bright red spots; 4½ feet.

## BULBS FOR SPRING PLANTING

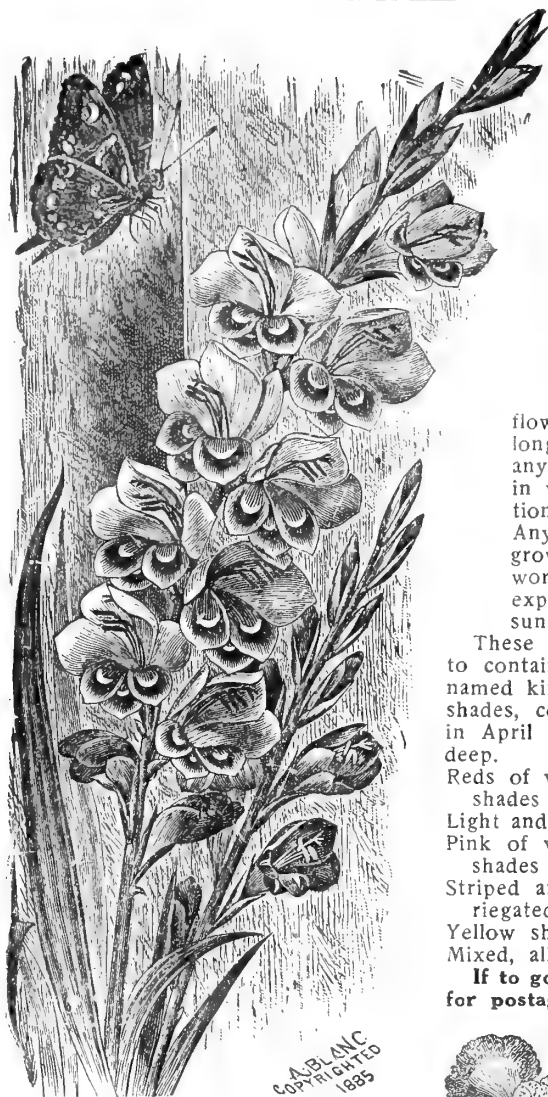
### GLADIOLI

This class of summer flowering bulbs is doubly valuable for the brave field show of bloom, and for its generous supply of cut flowers. Gladiolus flowers last longer when cut than most any other flowers, and develop in water to a greater perfection than if left on the plant. Any rich, light garden soil will grow Gladiolus if properly worked in preparation, and exposed to the benefit of full sunlight.

These mixtures will be found to contain flowers equal to finest named kinds, and a great range of shades, colors and markings. Plant in April and May, about 3 inches deep.

Reds of various shades . . .	\$0.05	\$0.25	\$1.50
Light and white . . .	.05	.45	2.50
Pink of various shades . . .	.05	.45	2.50
Striped and variegated . . .	.05	.50	3.00
Yellow shades . . .	.06	.50	3.00
Mixed, all colors . . .	.05	.25	1.75

If to go by mail add 10c per doz. for postage.



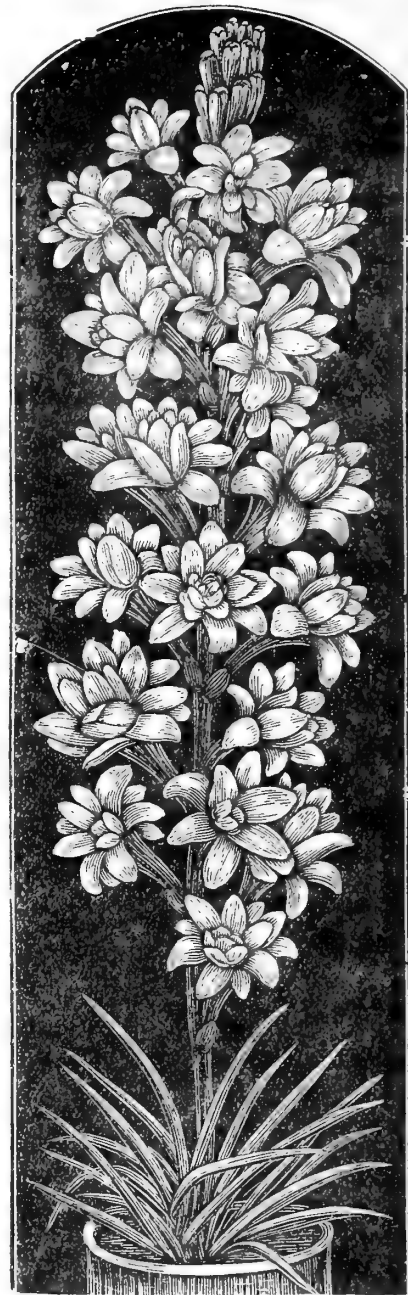
Gladiolus.

## Gloxinia

**GLOXINIA — New Giant Flowered Hybrids**—We know of no bulbous plants that will give such universal satisfaction as the Gloxinia. They are of unrivaled beauty, the soft velvety leaves being surmounted with a cluster of large, lovely, trumpet-shaped flowers of exquisite coloring. They are of the easiest culture and bloom continuously for months. Plant the bulbs in a 5-inch pot in good rich light soil, and give a partially shady situation. **Mixed colors, each, 10c; 3 for 25c.**



Gloxinia.



## Tuberose

**Excelsior Pearl**—Very sturdy and dwarf in habit; flower large and double. Each, 5c; doz., 35c; by mail, 45c doz; per 100, \$2.00, not prepaid.

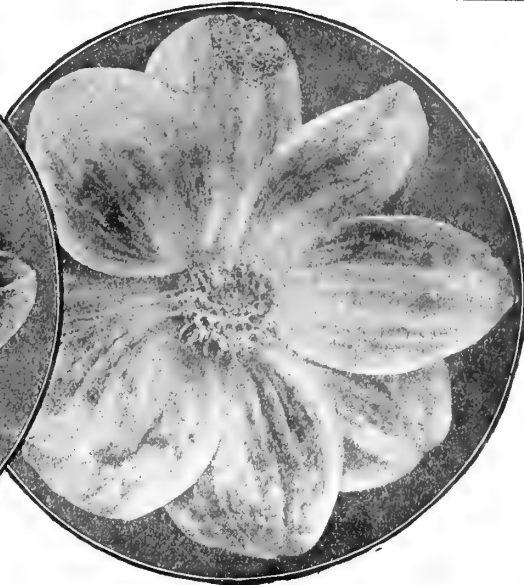
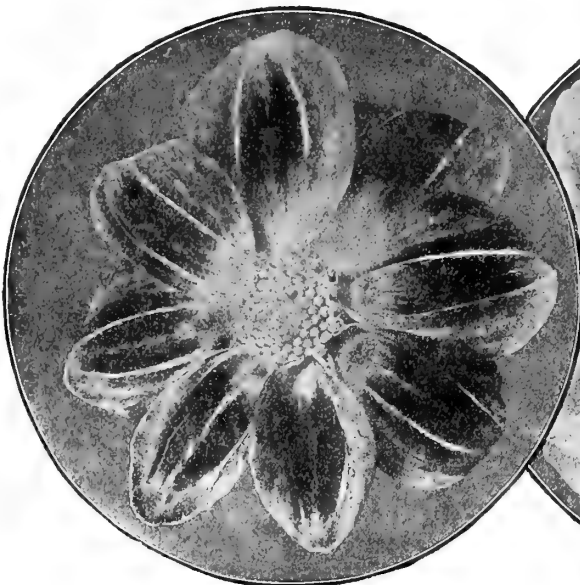
**SUMMER FLOWERING OXALIS**—These useful little plants are very effective in masses or beds, and are particularly valuable for edging. They produce an unbroken row of foliage and showy flowers. **Mixed, per doz., 10c.**

**MADERIA VINE**—Tuberous rooted climber, with glossy green leaves and delightfully fragrant white blossoms; of very rapid growth. **2 for 5c; doz., 30c; postpaid, doz., 35c.**



## Dahlias

**DAHLIAS** will always be popular where display is wanted. The range of color is so great and the flowers are so large and perfect. Are fine for cutting as they bloom profusely. The bulbs should be set three feet apart. Need little fertilizer.



### Single Dahlias

**Apple Blossom.** A lovely variety, with medium size, perfectly formed flowers. Color, bright pink with pure white disc. The plant is a model, being of medium height, strong, vigorous and branching, producing flowers in endless profusion, on long slender and erect stems. **Each, 35c; per doz., \$3.50.**

**Ami Barillet.** The black or maroon foliage dahlia. Flowers, pure, rich garnet. Invaluable as a specimen for cutting and all purposes. Strong field roots, **35c each; per doz., \$3.50.**

**Alba Superba.** Large, pure white, very profuse bloomer. **Each, 35c; per doz., \$3.50.**

### Show Dahlias

**A. D. Livoni.**—Beautiful soft pink, with quilled petals. The standard pink for cutting. **Each, 15c; per doz., \$1.50.**

**Storm King.**—Still the finest of all white Show Dahlias. An extremely early, profuse and constant bloomer. **Each, 25c; per doz., \$2.50.**

**Queen Victoria.**—Deep yellow, finely quilled. **Each, 15c; per doz., \$1.50.**

**Jack Rose.**—Flowers large to very large; of perfect form, full high center, while the outer petals reflex. The flowers are produced on long, slender, erect stems in the greatest abundance and keep longer when cut than any other variety. Color of Jack Rose is that old favorite "Jack Rose" (General Jacqueminot) from which it received its name. **Each, 20c; doz., \$2.00.**

**Red Hussar.**—Richest, dazzling cardinal red. Strong, vigorous grower and free bloomer on long stems. The best red show for cutting. **Each, 20c; doz., \$2.00.**

**Mrs. Dexter.**—Very large, of fine form. Color, rich salmon. **Each, 25c; doz., \$2.50.**

**Snow.**—A large snow white Dahlia of fine form. **Each 25c; doz., \$2.50.**

### Cactus Dahlias

**Edith Groom.**—Pure white, large size, with twisted petals. **Each, 35c; per doz., \$3.50.**

**Kriemhilde.**—Beautiful clear pink, tinting lighter toward the center. **Each, 25c; per doz., \$2.50.**

**Earl of Pembroke.**—Rich velvety plum. **Each, 20c; doz., \$2.00.**

**Burbank.**—Vivid vermillion scarlet. **Each, 25c; doz., \$2.50.**

**Ambassador.**—Pure white; medium size. **Each, 25c; doz., \$2.50.**

### Decorative Dahlias

**Admiral Dewey.**—Brilliant, imperial purple. **Each, 20c; doz., \$2.00.**

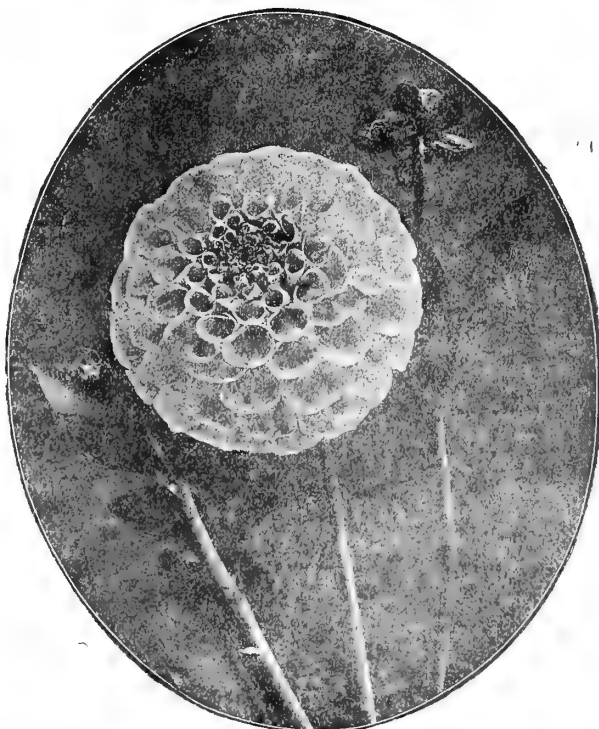
**William Agnew.**—Finest red ever introduced; immense size. **Each, 20c; per doz., \$2.00.**

**Clifford W. Bruton.**—The best yellow. Immense size, perfect form. Finest canary yellow. **Each, 20c; doz., \$2.00.**

**Henry Patrick.**—Large, pure white, long stems. **Each, 25c; doz., \$2.50.**

**Lyndhurst.**—One of the best bright scarlets; invaluable for cutting. **Each, 15c; per doz., \$1.50.**

**Nymphaea.**—The most delicately beautiful of the entire collection. Color clear, light shrimp, pink, tinting lighter toward the center. **Each, 20c; doz., \$2.00.**



A. D. Livoni.



## Lillies

The Lily, with eminent propriety, has been styled the "**Queen of Flowers**," and no flower is more expressive of the idea of queenly beauty and faultless purity than the lily. Their culture is simple, and with little care success is certain. They should be planted in the spring as soon as frost is out of the ground; in a well-drained spot, dig the soil deep, enrich it well, adding a liberal supply of sand. Set bulbs 4 to 6 inches deep. A bed once established should not be disturbed oftener than once in four or five years.

**Auratum**—The glorious gold banded Lily of Japan, and one of the grandest plants in cultivation. Its immense, ivory flowers are thickly studded with yellow and crimson spots, while in the center of each petal is a gold band, fading at the edges into white. Each 25c; 2 for 45c; doz., \$2.50.

**Speciosum Album**—Pure white flowers, with a greenish band through the center of each petal; they are of great substance and very fragrant. Each, 20c; 2 for 35c; doz., \$2.00.

**Speciosum Rubrum**—White, shaded and spotted with rose or crimson. Each, 20c; 2 for 35c; doz., \$2.00.

**Trigunum fl. pl. (Double Tiger Lily)**—Very hardy and free blooming, with beautiful orange flowers, spotted with black. Each, 15c; postpaid, 20c.

## Harnden's Collection of Choice Paeonies

**Harnden's Collection of Choice Paeonies, Old Fashioned, but Still Popular**—Valuable for massing in beds or planting in groups. Can be produced in any good rich soil. Grow best in sunny positions but thrive almost equally as well in shaded places. One planted will last a life time. Perfectly hardy, require no protection whatever, and are not troubled with insect pests or disease of any kind.

Our collection comprises the choicest varieties which have been grown for us in Holland. Each, 35c; by mail add 10c per bulb; \$3.50 per dozen by express, not prepaid except where otherwise noted.

**Carnea Elegans**—Bright pink.

**Duchess de Orleans**—Large and compact, guard petals, closely overlapping center; rosy, lake, with incurving salmon center.

**Festiva Maxima**—Very large pure white inner petals, slightly striped carmine; borne on long stiff stems. One of the most popular Paeonies grown.

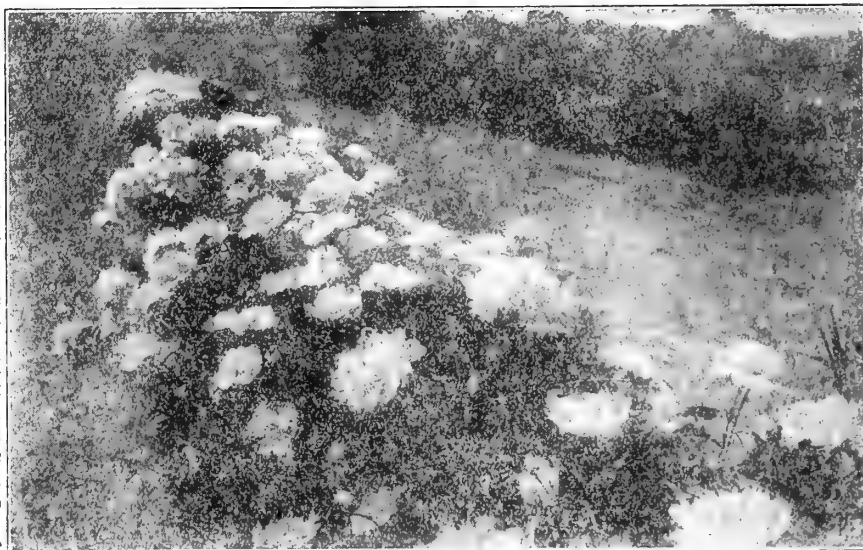
**Fragrance**—Bright purplish, crimson or dark rose; one among the best for cut flowers.

**Officinalis Rubra**—This is the old fashioned red, the most brilliant of all red Paeonies. Early and splendid cut flower.

**Princess Mathilde**—Delicate pink; high, full center.

**Queen Victoria**—Best early white.

**Rosea Elegan**—Outside petals rose, center creamy white, suffused with rose.



Paeonies.

## LILLY OF THE VALLEY.

**Clumps.** The old, well-known sort. These are especially adapted for outdoor planting. The large German flowering pips, 25 for 75c; 1 bundle of 100, \$2.50.

## HARDY PERENNIAL PLANTS

These plants live through our winters with little protection. When once planted always stay.

**AQUILEGIA (Columbine)**—A beautiful plant for the border or rockery; flowers often three inches in diameter; height of plant two feet. **Caemlea**—The dainty "Rocky Mountain Columbine," blue and white. Each, 20c; doz., \$2.20.

**COROEPSIS LANCEOLATA**—Flowers bright golden yellow, blooming from June until frost; height 1½ feet. Each, 15c, per doz., \$1.50.

**DIGITALIS (Fox Glove)**—An old fashioned plant that furnishes a grand display of thimble shaped flowers in immense spikes during July and August. Assorted. Each, 20c; per doz., \$2.20.

**DIELYTRA (Bleeding Heart)**—One of the most beautiful hardy border plants. Flowers in early spring, with rose-colored heart-shaped flowers on under side of stem. Perfectly hardy. Each, 35c.

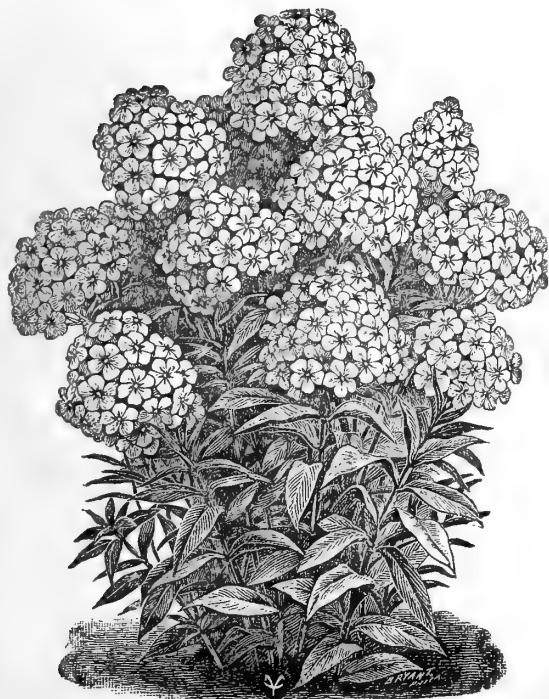
**DELPHINUM FORMOSUM (Larkspur)**—The best known of all the Larkspurs, blooming in long trusses of deep blue flowers, with white eyes. Each, 20c; doz., \$2.00.

**FUNKIA (Day Lilie)**—Broad leaves. Flowers large, waxy white, borne in large trusses. Very fragrant. Each, 15c; per doz., \$1.50.

**GAILLARDIA GRANDIFLORA COMPACTA**—Is a very satisfactory hardy plant; begin to bloom in early summer and blooms until frost; brownish red center; petals shaded into rings of orange, crimson and red. Long stems, fine for cutting; perfectly hardy. Each, 15c; per doz., \$1.50.

**HOLLYHOCKS**—An old-fashioned plant, coming into general use again. For planting in masses, by itself, or as a background. White, pink, red and yellow. Each, 15c; doz., \$1.50.

**GERMAN IRIS**—Each, 10c; doz., \$1.00.



Hardy Phlox.



Papaver—Perennial Poppy

**Oriente**—A charming species, producing numerous stout leafy stems, 2½ feet high, with immense deep red flowers, having a black blotch at the base of each petal. Each, 25c; doz., \$2.50.

**HARDY PHLOX**—Thrive in any ordinary rich soil, the ease with which they are cultivated, their entire hardiness, and the extended season of blooming make them particularly valuable for garden planting. To prolong the season of blooming, the flowers should be cut off when they commence to wilt down. **Field-grown clumps** in separate colors, each, 20c; doz., \$2.00.

**Atlas**—Deep clear salmon.

**Henry Munger**—White, deep carmine, center.

**Miss Lingard**—Pearly white, light pink center.

**Peachblow**—Peachblow pink.

**Richard Wallace**—Pure white, violet rose center.

**Coquelicot**—Bright red.

**Independence**—Pure white.

**Niobe**—Violet red.

**Patheon**—Bright pink.

**R. P. Struthers**—Cherry red, deep red center.

**PLATYCODON GRANDIFLORA (Japanese Bell Blower)**—Blooms constantly from June until late in September; flowers large, bell shaped, white and blue; perfectly hardy; three feet high. Each, 15c; doz., \$1.50.

**PINKS (Hardy Garden or May)**—Valuable dwarf hardy plants that will grow anywhere, and increase in beauty every year; field grown clumps. Each, 15c; doz., \$1.50.

**RUDBECKIA (Golden Glow)**—Decidedly one of the brightest and most showy among the hardy plants. It grows five to seven feet tall, with broad heads of yellow flowers, two and three inches in diameter; increases in beauty every year; strong field roots. Each, 15c; doz., \$1.50.

**TRITOMA PFITZERI**—An improved type of more perfect form, and showing a marked predominance of scarlet, the opened lower petals merely being rimmed with orange. Each, 20c; per doz., \$2.00.

**SWEET VIOLET PLANTS**—Hardy. Field grown. Clump, 15c each.

# HARDY ROSES FOR OUTDOOR PLANTING



Hybrid Perpetual Roses are the most valuable roses for outdoor planting wherever a permanent bed is desired. They are perfectly hardy and will stand the most severe winters, and when once established they improve in beauty every year. They will do well almost anywhere, but delight in deep, rich soil. A mulching of straw or leaves will greatly benefit them if applied in the fall and allowed to remain until spring. Our collection contains the choicest of the new and old varieties; two-year-old, outdoor grown, dormant plants. **Price, unless otherwise noted, 35c each; 3 for \$1.00; \$3.50 per doz., not prepaid; by mail, add 7c per plant.**

**American Beauty**—The largest, sweetest and best of all hardy roses; a genuine hardy ever-blooming rose; color rich crimson; its fragrance is wonderfully sweet. **Each, 50c; 3 for \$1.35; per doz., \$5.00.**

**White American Beauty**—A counterpart of the Red American beauty, except in color; perfectly hardy everywhere; pure paper white, with bright, heavy foliage and strong upright growth. The bloom is perfect in form, on fine long stems. **Each, 50c; 3 for \$1.35; per doz., \$5.00.**

**Baron de Bonstetten**—Still the leading dark rose. A splendid shade of dark red, changing to velvety maroon. It blooms very freely and makes a fine shaped bush.

**Coquette des Alps**—Large, full, finely formed flower; color white, sometimes faintly tinged with pale blush; profuse bloomer.

**Conrad F. Meyer**—An early flowering Hybrid with large cup-shaped flowers of a beautiful silvery pink.

**General Jaqueminot**—Rich velvet crimson, changing to scarlet crimson. A magnificent rose and well known.

**General Washington**—Color bright shining crimson; flowers large and perfectly double; blooms the first season and almost constantly.

**Marshal P. Wilder**—A rose of unusual excellence; flowers large, color bright cherry red, changing to crimson.

**Magna Charta**—Bright pink, suffused with crimson, strong upright growth and healthy foliage.

**Mrs. John Laing**—A splendid hardy perpetual. Immense flowers, full and double; bloom on long, stiff stems in great profusion, and exceedingly sweet; buds long and pointed; color bright, shining pink, exquisitely shaded.

• **Paul Neyron**—The largest flowers in cultivation and one of the most prolific bloomers; color, deep, clear rose, very fresh and attractive. The plant is an exceptionally good grower, making straight shoots 4 to 5 feet high in one season, and each shoot tipped with an immense flower, often 5 inches in diameter.

**Prince Camille de Rohan**—Very dark crimson, changing to intense maroon.

**Soliel d'Or (Golden Sun)**—A new hardy yellow rose, thoroughly distinct in habit of growth; color a blending of reddish gold, orange, yellow nasturtium, red and pink, not found in any other rose, from which it derives its name, "Golden Sun." A strong, robust flower; petals well incurved, forming double flowers. The colors of this rose are not found in any other flower. **Each, 50c; 3 for \$1.35; per doz., \$5.00.**

**Ulrich Brunner**—Known to all planters, as one of the best flowers, very large, rich, globular; color rich crimson, flamed with scarlet; hardy, fragrant and a free bloomer.

## Moss Roses

No rose garden is complete without the Moss Rose. They are as hardy as any rose can be and are vigorous growers and are much admired on account of their beautiful buds, which are covered with a moss-like covering. They bloom but once a year, but the flowers are large, beautiful and plentiful. Strong field-grown plants. White, pink and red. **Price, each, 40c; 2 for 75c; not prepaid.**



# Collection of Ever-Blooming Hardy Tea Roses

## HARDY TWO-YEAR FIELD GROWN ROSES

**Clothilde Soupert**—A most satisfactory pot and bedding rose. Its charming coloring, shading from pearly white to purest rose; double blossoms; delightful fragrance. **Each, 50c; per doz., \$5.00.**

**Mamam Cochet White**—Snow white, sometimes tinged with the faintest pink. Hardy with but slight protection. **Each, 50c; per doz., \$5.00.**

**Mamam Cochet, Pink**—A valuable pink bedding variety with rich healthy foliage and large flowers on long, straight stems: deep rosy pink. **Each, 50c; per doz., \$5.00.**

**Killarney (The New Hardy Everblooming Irish Hybrid Rose)**—A native of the north of Ireland. Strong upright bush, with beautiful deep bronze-green foliage; free flowering, bearing its massive flowers on long stiff stems. In color, exquisite shade of deep, brilliant shell pink. Delightful tea fragrance, a continuous bloomer, two years old. **Each, 35c; 3 for \$1.00; per doz., \$3.50.**

**Kaiserin Augusta Victoria**—As hardy as any of the Hybrid Tea Roses, and blooms from early spring until late frosts, fully as free blooming as any Tea Rose. Color, delicate creamy white, large, full double flowers and very fragrant. Two years old. **Each, 35c; 3 for \$1.00; per doz., \$3.50.**

**Etoile de France (Star of France)**—A magnificent new rose. Healthy, hardy grower and abundant bloomer, buds pointed. Flowers, large, double, 3½ to 4½ inches in diameter, particularly valuable for planting in the open ground. Flowers clear red, or crimson velvet, brightening in the center; exquisitely fragrant. Two-year-old hardy plant. **Each, 50c; 3 for \$1.25; per doz., 5.00.**

**Grus an Teplitz**—One of the brightest colored roses grown, when first opened it is dark rich crimson, changing to bright scarlet, shading to fiery red; blooms continually. Two-year-old hardy plants. **Each, 40c; 3 for \$1.10.**

**La France**—The most perfect type of a cut flower rose; delicate silvery rose, shaded with pink flowers continually throughout the season. **Each, 35c; 3 for \$1.00; per doz., \$3.50.**

## Hardy Climbing Roses

**Prices, Large, two-year-old dormant plants, field grown, by express, not prepaid—40c each, 3 for \$1.10; per doz., \$4.00.**

**Crimson Rambler**—The Crimson Rambler is the most popular of the Rambler varieties. It begins to flower about the middle of June and remains in flower longer than any other hardy out-door rose. It blooms in large cluster, with from 50 to 100 in a cluster, covering the vine its entire length with a solid mass of the most beautiful and perfectly shaped miniature crimson blossoms. It is vigorous in growth often making shoots 10 to 12 feet long in one season. May be grown in any position. Pegged down to the ground in beds, trained to porch pillars, the side of a building, or on trellises.

**Yellow Rambler**—The one yellow hardy climbing rose, and beautiful when in bloom, whether planted by itself or grouped with other Rambler. Flowers yellow, borne in clusters.

**Pink Rambler**—Resembles the Crimson Rambler in every respect except color, which is a clear pink, often changing to a creamy white when fully matured.

**White Rambler**—A worthy companion for the other Ramblers. Same in habit of growth, form and flowers. Perfectly hardy; flowers borne in good-sized clusters. The pearly white flowers contrast nicely with those of the Crimson Rambler, and makes a beautiful display when planted together. Flowers are quite fragrant and last a long time after being cut.

**EVERBLOOMING CRIMSON RAMBLER (Flower of Fairfield)**—A sport from the famous Crimson Ramblers, same climbing habits and hardiness. Has immense trusses of blooms profusely on the young wood in its first year. It starts blooming in early spring and continues to bloom until late in the autumn. It is rightly termed perpetual bloomer. **Each, 75c; 3 for \$2.00; per doz., \$7.50.**

**Lady Gay**—Cherry Pink, shading to soft white. A very fine strong climber as well as a fine carpet rose and exceptional showy for fence covering. **Each 50c; per doz., \$5.00.**

**Hiawatha**—Its small flowers are deep crimson with white eye, borne in long trails of 40 to 50 blooms. **Each 50c; per doz., \$5.00.**

**Thousendschon or Thousand Beauty**—A beautiful climbing rose. The flowers are soft pink at first, but change in color as the blossoms grow older to the most beautiful carmine, rose, cerise and blush white, making a striking combination of charming colors, luxuriance grower. Very healthy with magnificent foliage. **Each, 50c; per doz., \$5.00.**

**Dorothy Perkins**—Properly classed as a climbing rose; sweet scented, hardy and vigorous; a profuse bloomer; flowers double; bloom in clusters of from six to ten, with crinkled petals, buds pointed. Color a beautiful shell pink, lasting a long time without fading. **Each 40c; 3 for \$1.10; per doz., \$4.00.**

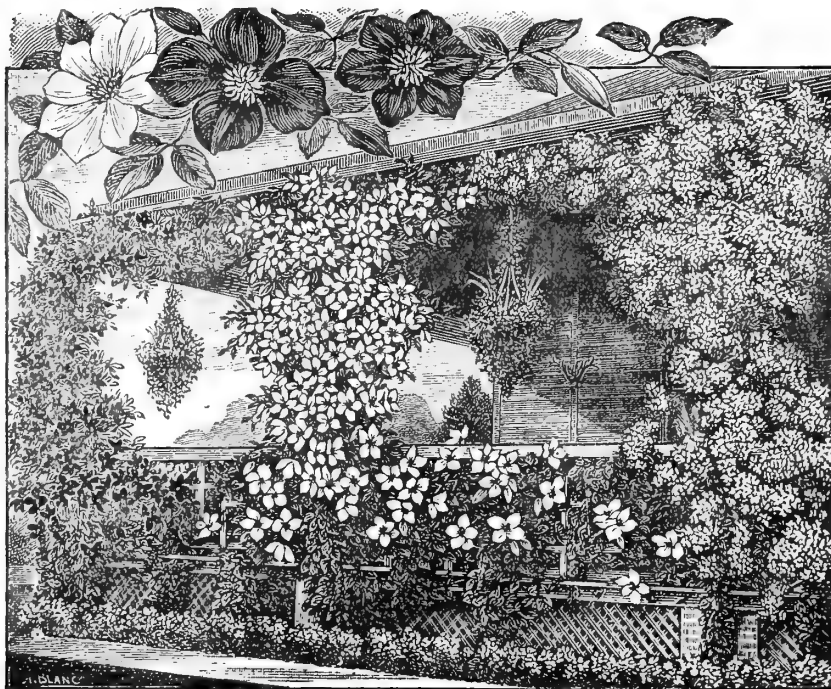
## Hardy Ornamental Climbing Vines



CLEMATIS  
COCCINEA.

**Coccinea**—Small thick bell-shaped flowers of bright coral red. Each, 35c; 40c prepaid.

**Paniculata**—This is a valuable Japanese introduction, one of the finest additions to our list of hardy climbers; a very strong, vigorous plant and as easily grown as the common. Each, 35c; postpaid, 40c.



Clematis Jackmanni.

Clematis Henryi.

Clematis Paniculata.

**Bignonia Grandiflora (Trumpet Vine)**—Clings to bark or walls. Fern-like foliage, orange scarlet; trumpet-shaped flowers. Price, 25c each.

**Chinese Kudzu Vine (Jack and the Bean Stalk Vine)**—A vine that will grow and flourish where nothing else will. Invaluable for covering fences, porches, old or dead trees. Its large, bright green leaves afford a dense shade. It is hardy and will last for many years. Each, 35c.

### CLEMATIS.

For house fronts or pillar vines, nothing can surpass the Clematis in grandeur and in beauty.

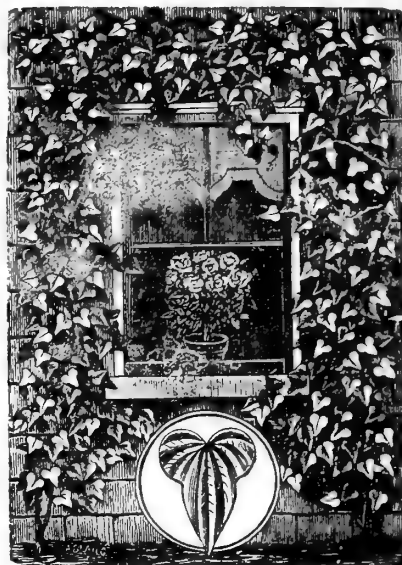
The roots are perfectly hardy, although the tops die down to the ground every fall. In planting the roots the ground should be dug very deep.

The roots we offer are all three years old.

**Jackmanni**—Probably the most beautiful climber in cultivation, with rich, deep, velvety purple flowers. Three-year-old roots, each, 75c; postpaid, 90c.

**Gypsy Queen**—One of the finest; a strong grower, free bloomer, blossom purple with red tinge. 65c ea.; 80c prepaid.

**Henryi**—A strong grower; flowers from 4 to 5 inches in diameter and pure white. Three-year-old roots, each, 65c; postpaid, 80c.



Cinnamon Vine.

### CINNAMON VINE

From the Oriental land, is one of the most charming climbers, and will quickly surround your arbor, window or veranda with a wonderful profusion of vines, covered with handsome, glossy, heart shaped leaves and sweet-scented flowers, making it a perfect bower of beauty. Each, 10c; 3 for 25c.

### AMPELOPSIS VETCHIE (Boston Ivy)

—One of the finest climbers for covering walls, as it clings firmly to the smoothest surface, covering it smoothly with overlapping foliage. 25c each, 3 for 60c, not prepaid.

### HONEYSUCKLE.

**Halleana**—White, sweet scented 35c each, 3 for \$1.00.

**Monthly Fragrant**—Red and yellow, very fragrant; blooms all summer. Leaves tinged with reddish color. 25c each. 3 for \$1.00.

**WISTERIA**—Beautiful climber of rapid growth, producing long pendulous clusters of pale purple flowers. Is very hardy. Price, each 50c.

## HARDY ORNAMENTAL SHRUBS

All shrubs offered below are two or more years old, transplanted. Prices are f. o. b. at express office, Kansas City, Mo., but not prepaid.

**ALMOND**—Very desirable for early flowering shrubs. White and rose. **Each, 45c.**

**ALTHEA (Rose of Sharon)**—Produces its large Camelia-like flowers from mid-summer until frost, when few other shrubs are in bloom. White, pink, red and purple. **Each, 45c.**

**BARBERRY (Thunbergiana)**—Dwarf, neat, and dense of growth, yet graceful because of its drooping branches. Yellow flowers are followed by vivid scarlet fruits, the foliage changing in fall to scarlet and gold.

**CYDONIA JAPONICA (Japanese Quince)**—An old esteemed variety, having a profusion of bright coral red flowers; early in spring; very desirable for hedge. **Each, 50c.**

**CALYCANTHUS (Sweet Scented or Allspice)**—A handsome shrub; flowers purple, with an exquisite flower and wood fragrance. **Each, 45c.**

**DEUTZIA (Pride of Rochester)**—Early spring flowering shrub, with long, graceful spikes of white flowers from every bud or eye; handsome lawn shrub. **50c each.**

**DESMODIUM**—A nice shrub; flowers in September; has sweet-pea shaped flowers; rose and white. **50c each.**

**FORSYTHIA (Suspensa)**—Graceful drooping plant, with bright yellow flowers. **Each, 50c.**

**TREE-SHAPED HYDRANGEAS**—These are fine tree-shaped plants three or four years old, with about 3 feet of straight stem; nicely shaped heads. **Each, 75c.**

**HYDRANGEA PANICULATA GRANDIFLORA**—Blossoms profusely from July until frost, in immense white panicles, often measuring 10 to 12 inches, gradually changing to rose color. **Large plants, each, 50c.**

**LILAC (Persian)**—Purple and white. **Each, 45c.**

**PHILADELPHUS (Mock Orange)**—Vigorous growing shrubs, with fine pure white flowers, and bright, handsome foliage. **Each, 50c.**

**PLICATUM (Japan Snowball)**—Used extensively for decorating. Flowers pure white, large balls frequently borne in clusters of five or six. **Each, 50c.**

**WEIGELA**—Beautiful shrubs, bloom June and July; very desirable for border or grouping. Double white and double pink. **50c each.**

**SPIREA VAN HOUTTEI**—One of the most beautiful of all shrubs; pure snow white flowers, borne in elegant plume-shaped clusters. **Large plants, each 45c.**

**THUNBERGII (Thunberg's Spirea)**—A very pretty white flowering variety, with narrow linear leaves; valuable for forcing; one of the first to flower. **Each, 45c.**

**PRUNIFOLIA (Bridal Wreath)**—Equally pretty like above; blooms in May, with pure white double flowers. **Each, 45c.**

**ANTHONY WATERER**—A dwarf bush about two feet high, covered from spring to late in the fall with large heads of crimson flowers; grand for border to taller growing shrubs. **Fine plants, each, 45c.**

**CALIFORNIA PRIVET (Ovalifolium)**—The great hedging plant, conceded the best plant for hedging purposes. Remarkable for the beauty of its evergreen foliage and strong, regular, symmetrical growth. Foliage dark green, very glossy and wax-like; hardy everywhere. Better than Boxwood. **Large plants; One year old —10c each, 25 for \$2.00; \$5.00 per 100. Two years old —15c each, 25 for \$3.00; \$8.00 per 100.**

## BLACKBERRIES

**Early Harvest**—One of the most valuable where earliness is sought, being one of the first to ripen. Good shipping qualities; compact dwarf grower, enormous bearer; fruit medium size, black and of excellent quality. **Price, per 100, \$1.25; per 500, \$6.00; per 1,000, \$10.50; by express, not prepaid.**

**Snyder**—Extremely hardy, enormously productive,

medium size; no hard, sour core; only half as many thorns as a Lawton or Kittatinny; most prolific blackberry grown. **Price same as Early Harvest.**

**Taylor**—Berries of fine flavor; larger than Snyder. Canes of vigorous growth, iron-clad hardness and wonderfully prolific; ripens late. **10c each; dozen, 75c; 50 \$2.25; 100, \$4.00.**

## RASPBERRIES

**Kansas (Blackcap)**—Best home and market berry. **Price, doz., 50c; \$1.25 per 100; per 500, \$4.50, per 1,000, \$8.00; by express, not prepaid.**

**Cumberland**—The largest of all blackcaps. A healthy, vigorous grower, throwing up stout, stocky, well-branched canes that produce immense crops of magnificent berries. Fruit very large, firm; quality about same as Gregg; keeps and ships as well as any of the blacks. **Each, 10c; doz., 75c; 50, \$2.25; 100, \$4.00.**

**Gregg**—The leading late blackcap; fruit large, meaty and of fine flavor. **Dozen, 50c; 100, \$1.25; per 500; \$4.50; per 1,000, \$8.00.**

**Haymaker**—The Haymaker is a purple cap; fruit large, solid, a fine keeper. **Dozen, 50c; 100, \$1.25; per 500 \$4.50; per 1,000, \$8.00.**

**Cuthbert, or Queen of the Market (Red)**—A remarkably strong and hardy variety; very large, rich crimson. **Dozen, 50c; 100, \$1.25; per 500, \$4.50; per 1,000, \$8.00.**

**Miller (Red)**—Extremely hardy, very productive; one of the earliest to ripen; attractive color. **Doz., 50c; 100, \$1.25; per 500, \$4.50; per 1,000, \$8.00.**

**Loudon (Red)**—Berries large, good color; excellent quality; very productive. **Dozen, 50c; 100, \$1.25; per 500, \$4.50; per 1,000, \$8.00.**

## GOOSEBERRIES

Plant in good rich soil and give a liberal dressing of manure every season. Regular pruning every year is essential for the production of fine fruit.

**Downing**—Large, handsome, pale green and of a splendid quality for both cooking and table use; bush a vig-

orous grower and usually free from mildew. **15c each; \$1.50 per dozen, 50, \$5.00.**

**Houghton's**—Small to medium; round, oval; pale red, sweet, tender, very good; plants spreading; shoots slender, enormously productive. **10c each; \$1.00 per dozen; 50, \$4.00; 100, \$7.00.**

## STRAWBERRIES

**Culture**—To produce large fruit, keep in hills, pinching runners as soon as they appear. In the winter, a covering of straw or leaves will protect the plants. Do not cover them, however, until the ground is frozen and then not so deep as to smother them. Remove covering before growth starts in the spring. Plant in rows, 3 to 3½ feet apart, 15 to 18 inches in a row. **Dip plants in water as soon as received**, and bury the roots in moist, shady ground until you are ready to set them out; **neglect for an hour or so is often fatal.**

**Price: 25 for 50c; \$1.25 per 100, prepaid. Not prepaid, 75c per 100; per 500, \$3.25; per 1,000, \$6.00; per 5,000, \$5.50.** These to come by express. Do not ask us to ship by freight. Delivered at express office, Kansas City, Mo.

**Brandywine**—A large, handsome and productive berry of excellent quality; dark, glossy red; extra good sort for all purposes.

**Bubach**—A leading market sort, more of this variety being used than any other; large and uniform in size, fine form and color.

**Senator Dunlap**—Fruit good size; regular form. Beautiful bright red, glossy, firm; splendid keeper and shipper; excellent quality; ripens early and continues a long time.

**Captain Jack**—A most vigorous grower, healthy and productive, berries large, handsome and solid.

**Gandy**—A reliable late variety; berries bright crimson, very uniform in size and shape; large and firm; plants vigorous and healthy.

**Warfield**—A reliable market sort; good flavor; vigorous and productive; very early.

We can also supply the following standard sorts: **Aroma, Excelsior, Crescent, Monitor and Windsor Chief.**

## FRUIT TREES

Strong, stoc trees, packed and shipped by freight or express, delivered f. o. b. cars, Kansas City, Mo., or express office, not prepaid.

### SUMMER APPLES—2 YEARS OLD, EACH 50c.

**Early Harvest**—Medium to large; round bright straw color; flesh white, tender, juicy, crisp, with rich flavor, July.

**Cooper's Early White**—Very large, round, pale yellow, with faint blush; flesh white, crisp. August 1.

**Carolina (Red June)**—Medium size; red; flesh white, tender, juicy; an abundant bearer. Last of June.

### AUTUMN APPLES—2 YEARS OLD, EACH 50c.

**Maiden's Blush**—Large, regular, smooth, with fine, evenly shaded red cheek or blush on a clear yellow ground; flesh white. August and September.

**Rambo**—Medium; yellowish, streaked with dull red; mild, tender, productive. September to November.

### WINTER APPLES—EACH 50c.

**Grimes Golden**—Medium to large size; yellow; vigorous and productive.

**Gano**—Fruit bright red, on yellow ground; no stripes; large, oblong, surface smooth; prolific bearer.

**Huntsman's Favorite**—Very large, golden yellow, with bright red cheek; nearly sweet; fine flavor.

**Johnathan**—Fruit medium; round; skin yellow, nearly covered with dark red; fine grained, very tender and finely flavored.

**Winesap**—Medium; dark red, sub-acid; abundant bearer; a favorite market variety.

### CRAB APPLES—EACH 50c.

**Hyslop**—Almost as large and as early as the Strawberry apple; deep crimson.

**Large Red Siberian Crab**—About an inch in diameter; yellow, scarlet cheek; bears young.

### PEACHES—4 TO 6 FEET, EACH 50c.

**Alexander Early (Cling)**—Good quality, fine flavor; very early.

**Champion (Freestone)**—Very hardy; matures about August 15th.

**Elberta (Freestone)**—Finest yellow freestone in cultivation; family favorite; last of July.

**Mountain Rose**—July.

**Old Mixon (Cling)**—Pale yellow; August.

**Old Mixon (Freestone)**—Pale yellow; August.

**Crawford's Early**—Fruit large, oblong, yellow with red cheek; flesh yellow, juicy, sweet, excellent, free last of July.

### PEARS—2 YEARS OLD, EACH 50c.

**Wilder's Early**—Medium size; greenish yellow.

**Duchess d'Angouleme**—Very large; greenish yellow; a general favorite; September and October.

**Kieffer's Hybrid**—Valuable for table and market. September and October.

**Bartlett**—Large size; very juicy and highly flavored; bears early and abundantly.

**Seckel**—Small; skin rich yellowish brown when ripe, with a dull red cheek; flesh very fine grained, sweet and juicy. August and September.

### PLUMS—2 YEARS OLD, EACH 50c.

**Pottawattomie**—Very hardy; an immense bearer; fruit yellow, overspread with bright pink; July.

**Wild Goose**—Rich Crimson; July.

**Damson**—Fruit small, oval; skin purple, flesh melting and juicy, rather tart. September.

### CHERRIES—2 YEARS OLD, EACH 50c.

**English Morello**—Medium to large; blackish red; July.

**Early Richmond**—Medium size; dark red; June.

**Large Montmorency**—Large, red cherry, July.

### GRAPES.

**Campbell's Early**—One year old, 10c; six for 50c; \$1.00 per dozen. Two-year-old, 15c; six for 75c; \$1.50 per dozen.

**Concord**—One year old, 8c; 6 for 45c; 75c per dozen. Two-year-old, 15c; 6 for 50c; \$1.00 per dozen.

**Moore's Early**—One year old, 10c; 6 for 50c; \$1.00 per dozen. Two-year-old, 15c; 6 for 75c; \$1.50 per dozen.

**Niagara**—One of the very best white grapes grown, sweet, delicious flavor; vigorous and productive. One year old, 15c each; 6 for 75c; \$1.25 per dozen.

**Catawba (Red Grape)**—Skin dark red when ripe; sweet, rich flavor; very productive. One year old, 15c each; 6 for 75c; \$1.25 per dozen.

### CURRENTS—2 YEARS OLD.

**Good two-year-old strong plants, 15c each; \$1.25 per dozen; \$5.00 per 100.**

**Large Cherry**—The largest of all red currants; berries sometimes measure half an inch in diameter; bushes are short; very vigorous; the kind to plant in the city.

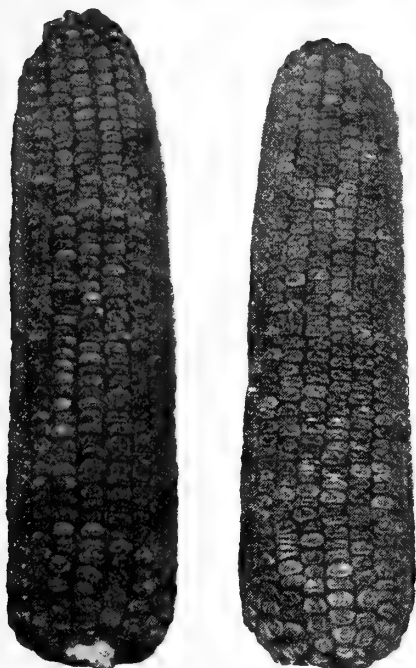


# HARNDEN'S SELECTED SEED CORN

This is a year when every farmer, by all means, should change his seed corn. Conditions in our seed growing districts have never been better and we have a larger quantity and better quality to select from than we have had for years. **Don't plant that same corn you have used so long**, make a change this year, the price is reasonable, the quality is best in a long time, and the germination will be good. We test all seed corn before we send it out. We have selected the varieties that we know to grow and yield good in this section of the country and recommend the varieties we offer below. Del'd. F. O. B. Kansas City, Mo., no charge for sacks. If to go by mail, add 20c per qt. for postage.

## Yellow Varieties

### REID'S YELLOW DENT. (100 Days.)



This Splendid Type of Yellow Corn is a World Beater

Light golden in color. The cob is almost completely covered with corn. Very small shank; ears run very uniform in size, color and shape. Shells run 88 to 90 per cent of corn. Kernels are moderately dented or rough and fully a half-inch deep. Cob red and medium size. This corn is very easy to husk. Stalks from 9 to 12 feet and an abundance of foliage, making it popular for fodder. **Quart, 10c; ¼ bu., 50c; 1 bu., \$1.50.**

### IOWA GOLD MINE. (95 Days.)



It is early, ears of good size and symmetrical; color bright golden yellow grain very deep; cob small, and therefore dries out very quickly. **Quart, 10c; ¼ bu., 50c; 1 bu., \$1.50.**

### PRIDE OF THE NORTH. (90 Days.)

This variety has smaller ears than the late kinds, but is valuable as it matures early. Planted as late as July 4, it has fully matured by October 2. The ears have from fourteen to sixteen rows growing eight to ten inches in length, slightly tapering. The kernels are closely set together on the cob, and of a light orange color. The stalks usually grow six to eight feet in height, producing one or two good ears. Our seed of this variety has been grown for us with special care from the original stock. **Qt., 10c; ¼ bu., 50c; 1 bu., \$1.50.**

### IMPROVED LEAMING. (100 Days.)

This splendid variety of yellow corn was originated in 1826 and has been developed to a high state during the last ten years. Ears from 9 to 11 in. long. Red cob, medium size. Stalks 9 to 12 feet high. Valuable for either forage or ensilage. The large percentage of sugar in every part of plant makes it the prize fodder or ensilage variety. One of the best standard varieties grown. Matures in from 100 to 110 days, according to soil and season. **Qt., 10c; ¼ bu., 50c; 1 bu., \$1.50.**

### KING OF THE EARLIEST. (85 Days.)

The earliest Dent variety, ripening in 85 days, and can be grown as far north as any other variety of dent or flint corn. Stalks small with broad leaves. Ears, short, twelve to sixteen-rowed, well filled. Grain long, yellow, making an extra quality of meal. **Qt., 10c; ¼ bu., 50c; 1 bu., \$1.50.**

### MINNESOTA KING. (80 Days.)

The earliest corn grown, a Yellow Dent. Planted as late as July 10, it has fully matured by October 1. **Quart, 10c; ¼ bu., 50c; 1 bu., \$1.50.**

### GOLDEN BEAUTY. (100 Days.)

The ears are of perfect shape, with from ten to fourteen straight rows of bright golden yellow grains, remarkable in size and filled out completely to the extreme end of the cob. The richness of color and fine quality of grain make it vastly superior for grinding into meal. The grains are not of a hard, flinty nature, neither are they so soft as to be greatly shriveled. The ears are easily shelled, although the kernels are firm on the ear, and in every respect as perfect a type as could possibly be had. Golden Beauty matures in 100 to 110 days from planting and surpasses all in size and beauty of grain. **Quart, 10c; ¼ bu., 50c; 1 bu., \$1.50.**

### RED OR CALICO CORN. (110 Days.)

**Mammoth Calico Dent**—A large vigorous grower, producing 75 to 85 bushels per acre; kernels same shape as Yellow Dent, but longer and broader, speckled with blotches of deep red. One of the best corns grown for general farm uses. **Quart, 10c; ¼ bu., 50c; 1 bu., \$1.50.**

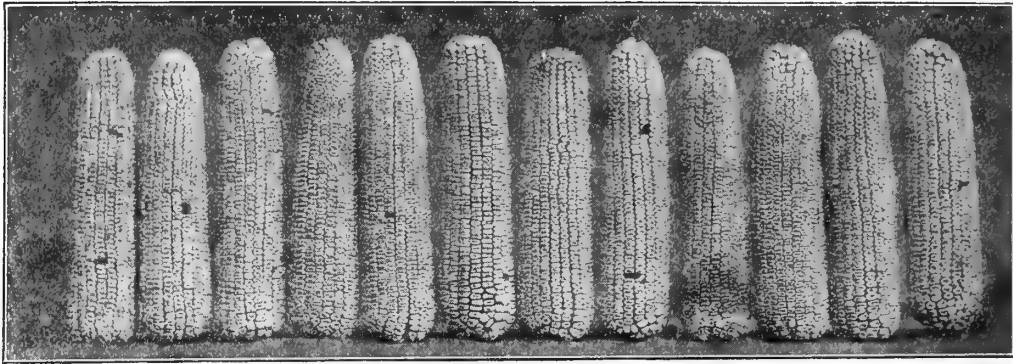
### LONGFELLOW FLINT CORN.

A prolific early 8-row yellow variety of very handsome appearance. The ears are close with large, broad kernels. **Quart 15c; ¼ bu., 50c; 1 bu., \$1.75.**

# HARNDEN'S SELECTED SEED CORN

## White Varieties

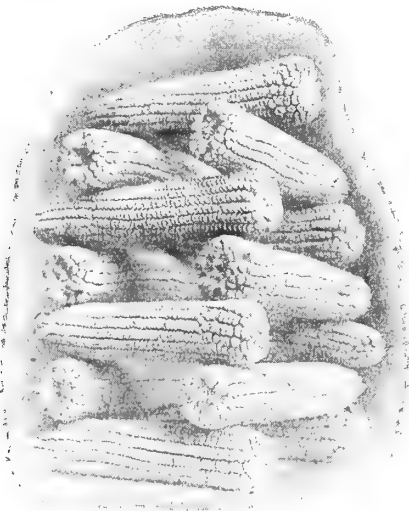
HARNDEN'S WHITE PERFECTION. (100 days)



Harnden's White Perfection.

Here is a white corn that we have been perfecting for the past four or five years and we believe we have in it a perfect white corn. It resembles the Reid's Yellow Dent in size only the length of the grain is narrower and longer; usually running half inch in length and from 24 to 26 rows to the ear. Ears run uniform in size from butt to tip and filled out completely at the ends. This corn yielded eighty-five bushels to the acre this year and matured in about 105 days. We consider this the best white corn on the market. We have selected several hundred bushels of this corn and already have sold part of it. Would advise you to give us your order early. **Quart, 15c; ¼ bu., 60c; 1 bu., \$2.00.**

### BOONE COUNTY WHITE. (100 Days.)



Boone County White.

One of the best and most popular varieties. This is one of the largest yielders of the medium early white corn. The ears are of large size, well proportioned, well rounded at butt and tip, deep grain and a small cob. Will mature in favorable conditions from 100 to 105 days. This corn probably has taken more premiums at the corn shows and state fairs than any other white corn. **Quart, 10c; ¼ bu., 50c; bu., \$1.50.**

### IOWA SILVER MINE. (90 Days.)

The ears measure from 10 to 12 inches in length and often weigh 1½ lbs. They are very uniform in size and shape, with 16 to 20 straight rows of deep, pure white kernels on a small white cob. **Quart, 10c; ¼ bu., 50c; 1 bu., \$1.50.**

### CHAMPION WHITE PEARL.

**Champion White Pearl**—The stalk is short and thick. The ears grow long on the stalk, from seven to twelve inches in length, almost parallel throughout, of medium size, averaging sixteen rows of grains. The grains are pure white, very deep, compact and heavy. The cob is small. It makes a superior quality of corn meal. Also used for roasting ears on account of its close resemblance to sweet corn when green. Can be planted as late as July 15th for this purpose. **Quart, 10c; ¼ bu., 50c; 1 bu., \$1.50.**

### EARLY WISCONSIN WHITE DENT.

The stalks grow to an average height of 8 feet, and are thickly furnished with foliage close to the ground. The ears are large, with 16 to 20 rows of large, deep kernels, which are closely set on a small white cob. It occupies the same place among White Dent sorts that King of the Earlies does in the yellow. **Quart, 10c; ¼ bu., 50c; 1 bu., \$1.50.**

### SANFORD'S EARLY WHITE FLINT.

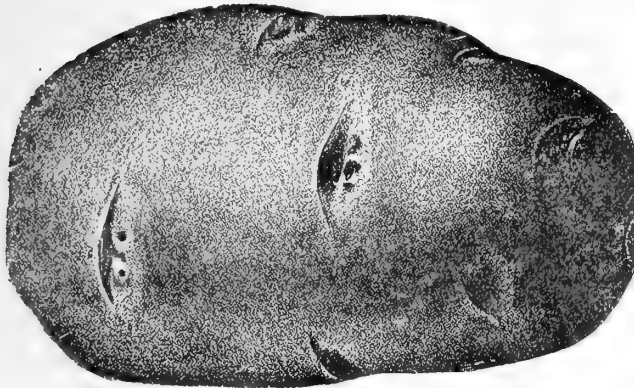
This standard variety is considered the best flint corn on the market. The ears are of unusual length, 12 to 15 inches, and handsome shape, flinty white color. Plants of sturdy, vigorous growth; leaves are very broad and succulent, and it is therefore of great value for fodder and ensilage, as well as for a grain crop. Stalks usually bear 2 or 3 long ears. You will be pleased with it if you like flint corn. **Quart, 15c; ¼ bu., 50c; 1 bu., \$1.75.**

### SWEET FODDER CORN.

This is made up of any unselected stock we may have of Sweet Corn and is valuable for feeding, the stalks and stems being so sweet and juicy that cattle eat it up greedily, leaving no waste of stalks, which is common with other Fodder Corns. **Quart, 15c; peck, 65c; bushel (measured) \$2.50.**

# SEED POTATOES, NORTHERN GROWN

All transportation charges must be paid by the buyer, except when offered postpaid, by mail. No Potatoes sent C. O. D.  
Write for Prices on Large Lots. Subject to Market Changes.



Extra Early Ohio—Red River Stock.

## IRISH COBBLER.

The yield is very large for an early variety—equal to some of the late ones. Form oval and round; skin lightly netted, creamy white and having few eyes, which are quite shallow—some even with the surface. Flesh pure white and of the finest quality—not exceeded by any early variety. Keeps perfect until spring, when it starts large, strong and vigorous sprouts. Its strong growth, earliness, uniformity, large yield, fine quality and very handsome appearance have brought the Extra-Early Cobbler right to the front as a profitable variety for market or home use. **Pk., 50c; bu., \$1.85; 5 bu. and over, per bu., \$1.75.**

## EXTRA-EARLY TRIUMPH.

Most desirable variety for the south and is there considered the earliest potato in existence, equaled only by our new Early White Triumph. A handsome round variety which matures before the Extra-Early Ohio, and is wonderfully productive. The tubers are not large, but are of a nice medium size for early use, round as a ball, and a beautiful deep pink color. For several years it has been the most popular variety in the southern states, and hundreds of carloads are shipped to the northern markets and bring fancy prices. Not so desirable for main crop or northern growing. **Pk., 50c; bu., \$1.85; 5 bu. or over, per bu., \$1.75.**

## BEAUTY OF HEBRON.

This is an old-time favorite which matures early; tubers have red and white skin, grow to a good size and are of excellent quality. It is also a very productive variety and a remarkably good keeper. **Pk., 35c; bu., \$1.10; 5 bu. and over, per bu., \$1.00.**

We commence shipping as soon as danger of frost is over, but will ship when requested at any time when customers wish to take their own risk.

Potatoes may be grown in any ordinary soil, but do best in sandy loam. Ten bushels cut tubers to the acre.

We offer the following standard varieties, all northern-grown.

## EXTRA EARLY OHIO POTATO.

### Our Specialty. A Grand Potato.

The Extra-Early Ohio is fully two weeks ahead of the Early Rose, and is a general favorite with potato growers and marketmen alike and is the most profitable Potato they can possibly grow. The sprouts are very strong, the vines grow erect and are easy to cultivate. Maturing early, it brings the highest prices and the land can be used for another crop after it does well on any soil suitable for Potatoes. The tubers grow compact in the hill, are easily dug, with very few small ones—nearly every Potato is of marketable size; has few eyes, which are even with the surface. With heavy manuring close planting and good culture, a very large and profitable crop can be expected—300 to 500 bushels per acre is not an unusual yield. Our stock is direct from the north and good pure strain. **Pk., 35c; bu., \$1.10; 5 bu., and over, per bu., \$1.00.**

## EARLY ROSE.

A little later than Early Ohio and much larger in size. Is smooth and of handsome rose color. A big yielder often running 300 bushels to the acre on good soil. Quality fine for either baked or boiled. **Pk., 35c; bu., \$1.10; 5 bu., or over, per bu., \$1.00.**

## RURAL NEW YORKER.

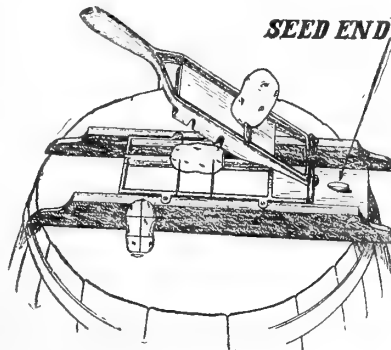
One of the largest yielding varieties in existence. Large and unusually smooth, with few shallow eyes, skin white as is also flesh, which is of superior quality. Medium late and the best drouth resister. There is no other potato of more handsome appearance than the Rural New Yorker. Although it is a large yielder it grows but few and small vines. It is very hardy and will stand the heaviest manuring without getting scabby or spotted. For this reason it is one of the most desirable varieties for farmers and potato growers near large cities to grow for main crop for market. **Pk., 35c; bu., \$1.00; 5 bu. or over, per bu. 90c.**

## BURBANKS.

The best and most prolific of all late varieties. Uniformly long and slightly flattened. Entirely free from knots and the eye even with surface. Its flesh is finest texture and very free from black spots. Cooks white as flour and is of the finest flavor. This is the ideal potato for late planting and many gardeners plant them all during June and some as late as July first. We recommend them very highly. **Pk., 35c; bu., \$1.00; 5 bu. or over, per bu. 90c.**

## The Miller Seed Potato Cutter

The construction is very simple, built for accuracy as well as convenience. Strong and durable; the knives are of good quality steel and are fitted to grooves in frame, making them easy to remove if necessary. It will cut any size potato in pieces uniform in size, thereby insuring more accurate planting when power planter is used. From six to eight bushels can be cut with it in an hour. The saving in time alone will more than pay for this cutter the first season it is used. Instructions for operating sent with each machine.



Capacity  
per hour

24 inches long, 3 inches wide, weight 8 lbs. Cutter will last a lifetime. Can you afford to be without one?

Price  
**\$2.50**

# GRASS AND FIELD SEEDS

We are pleased to offer the following **Field and Grass Seeds** f. o. b. Kansas City, Missouri. The prices below include sacks which are weighed in gross for net, but do not include freight or express charges which must be paid by the customer. If to go by mail add eight cents per pound. The new Parcel Post Law, which goes into effect January first, makes it possible to send any quantity of seeds up to eleven pounds to any point in the United States at eight cents per pound. We will fill orders at the prices below as long as our present stocks last. Field seeds are subject to market fluctuations and prices may change without notice. We handle only two grades of field seeds, choice and fancy which are the best that can be obtained, and as free from weed seed as modern machinery will clean it. Any seeds not offered below or any information we can give you regarding the sowing of seeds we will gladly give you if you will write to us. If wanting large quantities write for Special prices.

## Alfalfa (Medicago-Satava)

As a general rule good corn ground is good ground for alfalfa. It can, in most cases, be grown profitably on any land which cottonwood trees and corn are successfully grown to a maturity. It requires a well drained, thoroughly pulverized soil, free from weeds and the soil should be in good condition with regard to moisture at time of seeding. Alfalfa may be seeded successfully either in the spring or in the months of August or September. Seed can either be drilled or broadcasted. It requires from 20 to 25 pounds of seed per acre for drilling and 25 to 30 pounds when broadcasted. Alfalfa from one seeding can usually be expected to endure ten years, in some cases it will die out in three to four years and in other instances, fields fifteen to twenty years old are yielding heavy crops. Choice per lb. 20c; 10 lbs., \$1.80 per 100 lbs., \$15.00. Fancy, per lb. 25c; 10 lbs., \$2.00; per 100 lbs., \$16.00.

### TURKESTAN ALFALFA.

A peculiarly hardy or cold and dry weather resisting variety of alfalfa, especially adapted for dry or extreme cold climate. Fancy per lb., 25c; 10 lbs., \$2.00; 100 lbs., \$18.00.

## Clovers

### MEDIUM RED CLOVER. (Trifolium-Pratensis)

The most popular and most used of all the clovers. Will grow in most any kind of soil, makes excellent hay and can be put up twice a year. Also very valuable for its fertilizing qualities. Sow from twelve to fifteen pounds per acre.

Fancy, per lb., 30c; 10 lbs., \$2.50; 100 lbs. ....\$23.00  
Choice, lb., 25c; 10 lbs., \$2.25; 100 lbs. ....\$21.50

### ALSIKE or SWEDISH CLOVER. (Prifolium-Hybridum).

One of the hardest varieties known, is perpetual and does not winter kill and stands drouth and wet alike. When mixed with timothy makes one of the best pastures obtainable. Makes excellent hay and is valuable for bee keepers. Sow five to eight pounds per acre.

Fancy, per lb., 30c; 10 lbs. \$2.50; per 100 lbs. ....\$24.00  
Choice, per lb., 25c; 10 lbs., \$2.25; per 100 lbs. ....\$22.50

### MAMMOTH OR SAPLING CLOVER.

Sometimes called pea vine clover, on account of its very rank growth. Is probably the most valuable of all the clovers for fertilizing purposes. Foliage, flower and stem much darker than the medium red clover. Also makes good hay when mixed with timothy or red top as it ripens about the same time being later than medium red clover. Sow twelve to fifteen pounds per acre.

Fancy, per lb 30c; per 10 lbs. \$2.50; per 100 lbs. ....\$24.00

### CRIMSON CLOVER. (Trifolium-Incarнатum.)

An annual variety in common use in Texas and Southern states. Is two to four weeks earlier than the red clover and an immense yieldier of fodder. Height about one foot, roots

nearly black and blossoms long and deep carmine color. Makes good hay. Sow about fifteen pounds to the acre.

1 lb., 20c; 10 lbs., \$1.80; 100 lbs., \$14.00.

### JAPAN CLOVER. (Lespedeza Striata)

Low perennial spreading habit, stands excessive drouth well, flourishes on poorest soil in Arkansas, Texas, Oklahoma and other southern states. Makes good hay and stock eat it readily. Also is valuable for turning under as green manure. Sow broadcast about thirty pounds per acre.

Per lb., 35c; 10 lbs., \$3.00; 100 lbs., \$28.50.

### WHITE DUTCH CLOVER. (Trifolium-Repens.)

Excellent for pasture, usually mixed with red top or Kentucky blue grass, makes fine feed for sheep or cows. Is used in sowing lawns with blue grass and will grow well in shady places. Sow five to eight pounds per acre.

Fancy, per lb., 45c; 10 lbs., \$4.00; 100 lbs. ....\$38.00  
Choice, per lb., 40c; 10 lbs., \$3.50; 100 lbs. ....\$35.00

### BOKHARA or SWEET CLOVER. (Melilotus)

Sweet Clover meets the approval of most every farmer who has given it a trial, as a valuable pasture and soil restorer. For sheep, cattle and horses it is hard to equal and its blossoms will give more honey when used for bees than any other clover. This clover thrives on poor soil where scarcely nothing else will grow and nothing surpasses it for bringing back fertility to the soil in the shortest time. Grows from four to six feet high with branches, extremities of which bear abundant fragrant flowers. Sow in the spring in drills sixteen inches apart, sow about ten pounds to the acre.

Per lb., 20c; 10 lbs., \$1.75; 100 lbs., \$16.50.



# GRASS AND FIELD SEEDS—Continued

## Recleaned Grass Seeds

### PERENNIAL ENGLISH RYE. (Laliym Perenne)

A hardy rye grass which grows well on clay soil and withstands drouth reasonably well; grows quick and is a good pasture grass. This has been used by the Kansas City Park Board for large plats where the soil is not good and has given good satisfaction, making a good sod. White clover is sometimes used with this when used for lawn purposes. For pasture sow 25 to 30 pounds to the acre, for lawns 50 to 60 pounds to the acre. Per lb., 15c; 10 lbs., \$1.25; 100 lbs., \$10.00.

### FANCY RED TOP. (Agrostis Vulgaris)

A grass particularly adapted for wet soils and for ground that washes. It is often sown with alsyke clover, which together make a good hay. Is quicker to start than any other grass and on moist soil will grow about two foot high, and on gravelly or poor soil one foot high. If used for pasture should be fed close, as after it has gone to seed cattle will refuse it. It is also used for terraces and patches in lawns, where blue grass will not grow. We handle only the solid seed, sow from 15 to 20 lbs. to the acre. Per lb., 25c; 10 lbs., \$2.00; 100 lbs., \$15.00.

## Millets

### GERMAN MILLET

This variety in ordinary climates is the heaviest yielder of all the millets. It has produced from four to five tons of hay to the acre and from 70 to 80 bushel of seed, however, it will not stand a drouth as well as the Common and Siberian Millets. Sow 25 lbs. to the acre. Per lb., 5c; 10 lbs., 35c; 100 lbs., \$2.50.

### COMMON MILLET

It is the heartiest of the commonly grown varieties. Induring drouth the best and giving better returns on poor soil. The hay is of finer quality than the German but does not yield as heavy. It is also very early. Sow 25 lbs. to the acre. Per lb., 5c; 10 lbs., 35c; 100 lbs., \$2.50.

### MANITOBA OR HOG MILLET.

The seed is very rich and thus especially valuable as hog feed. A very much prized peculiarity of this millet is that the seed ripens while the stem is yet green. Thus if cut promptly can be threshed for seed. While the hay, after being threshed will make excellent fodder. Sow 25 lbs. per acre. Per lb., 10c; 10 lbs., 50c; 100 lbs., \$3.50.

### SIBERIAN MILLET

Is claimed to be the most wonderfully productive and satisfactory forage plant, possessing in a superior degree all of the essential merits of any of the older sorts, and exceeding them by far. A heavy yielder and excellent hay. Sow 25 lbs. per acre. Per lb., 5c; 10 lbs., 40c; 100 lbs., \$3.00.

## Broom Corn

If given proper attention Broom Corn is one of the most profitable crops the farmer can raise. There is a market at all times for strictly first class brush, and no pains should be spared in an effort to produce this quality. Oklahoma leads the world in quantity produced and in a great many instances the best quality. We are listing below the three varieties which are most commonly used. One acre of Broom Corn will produce from 1 to 7 tons of brush and nearly 40 bushels of seed. Plant in drills, rows about 3½ feet apart and 6 inches apart in the row.

### MISSOURI EVERGREEN.

This broom corn grows about eight to ten feet high and is of the standard variety, stands up well and is entirely free from crooked brush. The fibre is long and fine. Its great value is that it will not get red in the field before it is cut, but it is strictly a green variety of brush, commanding a high price. Will produce well on ordinary corn ground. Sow 10 to 20 pounds to the acre. Per lb., 10c; 10 lbs., 50c; 100 lbs., \$3.50.

### CALIFORNIA GOLDEN.

An excellent standard variety growing from ten to twelve feet high. Grows fine brush of good length and is free from large center stems, bleaches very evenly in the sun. Sow ten to 20 lbs. per acre. Per lb., 10c; 10 lbs., 75c; 100 lbs., \$4.50.

### OKLAHOMA DWARF.

Originated in Oklahoma, is of the dwarf variety and is earlier than all other varieties. Brush long and well fibered and is a drouth resister. On new breaking it does splendidly, leaving the ground in fine condition for a fall wheat crop, only a slight discing to prepare the soil, averages 5 ft. in height, making it convenient for pulling brush; is a great yielder, often making one to three tons of fine long brush to the acre, stocks make excellent fodder if cut at once after brush is pulled. Sow 10 to 20 lbs. per acre. Per lb., 10c; 10 lbs., 50c; 100 lbs., \$3.50.

# GRASS AND FIELD SEEDS—Continued

## Recleaned Grass Seeds

We are listing below the different grasses for all purposes, that will thrive and do well in this section of the country. Our grass seeds are high grade recleaned seed. Will send samples on application. If to go by mail add 8c per lb.

### KENTUCKY BLUE GRASS. (*Poa-Pratensis.*)

Among all the grasses for pastures, meadows, ball grounds, golf links, lawns, polo grounds and all school and public grounds, the Kentucky Blue grass ranks first, it is the great American grass. The farmer knows its good qualities and the city people know that there is nothing more beautiful than a well kept blue grass lawn. It can be sown either in the spring or fall. Sow 25 to 30 pounds per acre, for meadows and pasture 50 to 75 pounds per acre for lawns. Per lb., 25c; 10 lbs., \$2.00; 100 lbs., \$15.00.

### CANADA BLUE GRASS.

A very hardy grass used in Canada and northern states. It makes a quick growth and will crowd out other grasses and weeds. The hay when cut is a bright green and is well liked by some farmers. Sow 25 or 30 pounds to the acre. Per lb., 20c; 10 lbs., \$1.75; 100 lbs., \$12.00.

### MEADOW FESCUE OR ENGLISH BLUE GRASS. (*Festuca Pratensis.*)

A permanent pasture grass grows from two to three feet high and is the earliest and most nutritious of grasses, makes excellent hay, and cattle will thrive on it. It grows better in poor soil than any other grasses. The roots grow from 12 to 15 inches into the ground. It can stand extremely dry weather; also will stand more freezing than any other variety. Sow 15 to 20 pounds per acre. Per lb., 15c; 10 lbs., \$1.25; 100 lbs., \$10.00.

### ORCHARD GRASS. (*Dactylis Geomerata.*)

Orchard grass in many respects is superior to other grasses. It stands drouths, grows well in the shade and under trees; does well on wet or poor ground. Is excellent feed for cows and will produce more rich milk than blue grass. Is especially adapted for winter grazing, as it remains green all winter. Makes a heavy sod and well established will remain for years. Sow 20 to 25 pounds per acre. Per lb., 25c; 10 lbs., \$2.00; 100 lbs., \$15.00.

### TIMOTHY. (*Phleum Pratense.*)

Timothy in this section of the country is used more extensively for hay than any other grass. It is relished by all kinds of stock, especially horses; and yields more nutritious matter than any other grass. Farmers in this country know its qualities and in a great many instances sow it with Alsike or Red Clover. When used alone sow 15 pounds to the acre, when used with Clover, sow seven to nine pounds of Timothy and from five to eight pounds of Clover. Per lb., 10c; 10 lbs., 60; 100 lbs., \$5.50.

### BERMUDA GRASS (*Cynodon Dactylon.*)

This is standard grass of the south and is used in Oklahoma, Texas, Arkansas and other southern states for both pasture and hay crop. Is also used for lawn purposes as it runs

over the ground rapidly, forming a dense turf, will not stand cold weather and is not used north of southern boundary of Kansas, but is a drought resister and will stand all kinds of hot and dry weather. Sow 3 to 5 pounds per acre. Per lb., \$1.25; 10 lbs., \$10.00.

### BROMUS INERMIS OR HUNGARIAN BROME GRASS.

A wonderful drouth resister, and stands severe cold equally as well. Next to Alfalfa this is one of the most promising grasses, sown in the western states and where rain fall is light. Its nature is to stool out and does not show up as well the first season as it does the second, and seldom produces seed until the second year. It is very highly recommended by the Kansas State Agricultural Stations. It is sometimes used in mixtures as follows: Bromus Inermis, 10 pounds; Orchard Grass, 10 pounds; English Blue Grass, 8 pounds. Can either be sown in the fall with winter wheat or early in the spring. Sow 25 to 30 lbs. per acre. Per lb., 25c; 10 lbs., \$2.00; 100 lbs., \$16.00.

### JOHNSON GRASS. (*Sorghum Halapense.*)

Johnson grass is only sown in southern states, Southern Kansas being about as far north as it can be successfully grown. As it is very easily winter killed. Is a rapid grower, with long cane like roots and stalk and leaf resembles sorghum. Will grow in almost any ground that will grow corn and on good soil will make a very large yield. Sow about 10 pounds to the acre. Per lb., 20c; 10 lbs., \$1.75; 100 lbs., \$15.00.

### ITALIAN RYE GRASS. (*Lolium Italicum.*)

A quick growing grass and is often used as a nurse crop for Kentucky blue grass and in lawn mixtures. Will make a quick showing and is used where something green is wanted in a hurry, it is of no use for permanent pastures as it only lasts two years. Sow 35 to 40 pounds per acre. Per lb., 20c; 10 lbs., \$1.50; 100 lbs., \$10.00.

## GRASS AND FIELD SEEDS—Continued

## Forage Plants

## DWARF ESSEX RAPE.

Every farmer who has hogs, sheep or young stock should grow a little rape each year. A feed lot in Rape will give you green feed during the summer months, and you will be more than repaid. It is often sowed in oat fields, which makes a fine fall pasture for sheep. Sow 6 pounds to the acre. Price, per lb., 10c; 10 lbs., 90c; per 100 lbs., \$8.00.

## SAND OR HAIRY VETCH.

This is a valuable forage plant. Belongs to the pea family, but the vines grow much longer and have more abundant foliage. It is also very valuable as a soil builder, as it restores nitrogen. It is an annual, but drops its seed freely and will come up year after year on the same ground. Sow with oats, barley, or rye, etc. It succeeds on almost any soil and should not winter kill.

Sow Vetch in fall. The ground is then covered before winter, which prevents washing. Also sow in April and you can cut in July, the second crop being a fine hog pasture during the summer. Yields from ten to fifteen tons per acre green feed. Sow 20 pounds to the acre. Per lb., 20c; per 100 lbs., \$15.00.

## SPRING VETCH.

Similar to Sand Vetch, but sown in the spring only. Per lb., 15c; per 10 lbs., \$1.00; per 100 lbs., \$8.50.

## TEOSINTE.

Recommended as the most prolific forage plant yet introduced. The stalks containing much saccharine matter are very nutritious. It can be cut several times during the season, yielding enormously. One seed will sometimes produce 20 to 60 stalks or shoots, and the warmer the climate the better it yields. Should not be planted until the soil is perfectly warm in the spring. Requires about 4 pounds of seed to the acre. Plant in drills three feet apart and two or three seeds every 12 inches in drill. Per lb. \$1.50.

## EMMER OR SPELTZ.

This is a remarkable grain, and should receive the attention of all farmers. It is a species of drowth resisting Barley, and not inclined to rust. It will produce a fair crop under almost any condition of climate, but grows best in dry prairie regions with hot summers, giving excellent results. Thrives on poor land in stony ground. All animals eat it greedily and are fond of the straw. Sow 70 to 80 pounds per acre very early, same as barley or oats. Per bu. of 40 lbs., \$1.25.

## COW PEAS

## WHIPPOORWILL.

The most popular variety in this section of the country makes fine hay and very valuable for fertilizer, when turned under. Drill half bushel and broadcast one to one and a half bushels to the acre. Per bu of 60 lbs. Market price.

## NEW ERA.

About two weeks earlier than the Whippoorwill. Not quite such a rank grower and will make finer hay. Drill half bushel and broadcast one to one and a half bushel to the acre. Per bu. of 60 lbs. Market price.

## CANADA FIELD.

Used more in the north for hog feed, a big yielder and good hay. Also used for pigeon feed by all raisers of pigeons. Per bu. of 60 lbs., \$2.50.

## SOY BEANS.

Soy Beans as a feed takes the place of oil or gluten meal. Feeding them to milch cows, fattening cows or hogs, they have given astonishing results. Sow broadcast use half to one one bushel to the acre. We have two varieties, the early yellow and the late mammoth, the later should only be planted in southern states as they are very late in maturing.

Early Yellow Soy Beans—Per lb., 10c; 10 lbs., 90c; 100 lbs., \$7.50.

Late Mammoth Soy Beans—Per lb., 10c; 10 lbs., 90c; 100 lbs., \$7.50.

## KAFFIR CORN.

White—Per lb., 5c. 10 lbs., 35c; 100 lbs., \$1.75.  
Red—Per lb., 6c; 10 lbs., 40c; 100 lbs., \$2.00.

## SORGHUM OR CANE.

Cane seed is now grown to a considerable extent for stock feed. It yields heavily, can be raised anywhere and is sown extensively in dry regions where grasses do not do well, because of its sweetness it is greatly relished by cattle, horses and sheep. For forage sow 50 pounds per acre.

Early Amber—Per lb., 5c; 10 lbs., 35c; 100 lbs., \$2.00.

Early Orange—Per lb., 5c; 10 lbs., 35c; 100 lbs., \$2.00.

Red Top—Per lb., 5c; 10 lbs., 35c; 100 lbs., \$2.00.

## YELLOW MILO MAIZE. (Milo.)

Growth is tall, 9 to 12 feet, stooling from the ground, like White Milo Maize, but not so much. It sends out shoots also from the joints. Seed heads grow to great size, often weighing three-quarters of a pound, sometimes a full pound, after ripening. On account of its branching habits this grain should be planted in rows 4 to 5 feet apart, and 2 to 3 feet in the drill, or 2 plants in a hill, 3 to 5 feet apart. 10 lbs., 35c; per 100 lbs., \$2.50.

## DWARF MILO MAZE.

It differs from the Standard Milo Maze in being dwarfed, growing from 3 to 5 feet high according to the amount of rainfall, and is straight-necked. The advantage of this straight-necked feature is apparent in gathering, feeding and cutting heads.

This strain is earlier than Kaffir Corn and Standard Milo Maize. The yield is from 60 to 100 bushels per acre. This will stand greater drought than any other sorghum and for this reason is admirably adapted to dry land farming.

The Dwarf Milo Maize should be planted the same as Kaffir or Milo and cultivated the same as Indian Corn. It can be fed in bundles or in head to work horses, cattle and hogs. Stock seem to prefer it to corn and it has a laxative effect on them, keeping them in good condition.

While our stock is especially selected for straight heads, owing to the constant tendency to revert to the crook necked type there will be a few crook necked in the field.

Drill half bushel and broadcast one bushel to the acre. Per lb., 5c; 10 lbs., 40c; 100 lbs., \$3.50.

## MISCELLANEOUS FARM SEEDS.

Buckwheat—Japanese, per lb. 5c; per 100 lbs., \$3.50.  
Silverhull, per lb., 5c; per 100 lbs., \$3.50.

Barley—Beardless, per lb., 5c; per bu., \$1.50. Six rowed, per lb., 5c; per bu., \$1.25. Common, per lb., 5c; per bu., \$1.25.

Flax—Per bu., \$2.50.

Oats—Red Texas, per bu., 75c. White, per bu., 75c.

Castor Beans—Common field, per lb., 10c; per bu., \$3.00.

Seed Peanuts—Spanish, per lb., 25c; per 10 lbs., \$2.00; per 100 lbs., \$15.00. Jumbo, per lb., 30c; per 10 lbs., \$2.50; per 100 lbs., \$20.00.

Sunflower—Large Russian, per lb., 10c; per 10 lbs., 80c; per 100 lbs., \$6.00.

Hemp—Per lb., 10c; per 10 lbs., 80c; per 100 lbs., \$6.00.

Rye—Per bu., \$1.25.

## HIGH GRADE FERTILIZER

Next to good seeds there is nothing that repays the planter a larger percentage on the investment than good fertilizers. No difference what you plant, the stimulation of a crop will enable it to thrive under adverse circumstances and produce much heavier crops. We offer the well known brand, "Kaw Brand" fertilizers. Licensed in Missouri, Kansas, Oklahoma and Arkansas as follows:

Manufactured entirely from Stock Yards Manure, highly concentrated through patented processes. One 100 lb. sack is equal to two tons of the richest unbleached manure—properly balanced for different crops. No filler used; all plant food. No strong chemicals to burn and wear out your land. These are actual soil builders and root feeders.

### Analysis

	Am- monia	Phos. Acid	Pot- ash.	Crop.	Price 100-lb. sacks. f. o. b. Kansa City.	Tons.
Kaw Special Fertilizer .....	2-	4-	5	General Truck .....	<b>\$1.75</b>	<b>\$24.00</b>
Kaw Potash Mixture .....	.5	4-	6	Alfalfa, Grain, Truck .....	<b>1.75</b>	<b>22.00</b>
Kaw Grain Grower .....	2-	8-	2	Corn, Small Grain .....	<b>1.75</b>	<b>25.00</b>
Kaw Potato Grower .....	1.3-	4-	7	Tubers, All Root Crops .....	<b>1.75</b>	<b>24.00</b>
Kaw Sheep Guano .....	2.5-	2-	1	General Green House .....	<b>2.50</b>	<b>25.00</b>
Kaw Garden and Grass Grower .....	4.5-	2.5-	2	Garden, Grass, Lawn .....	<b>2.50</b>	<b>28.00</b>

We pack Garden, Grass Grower, and Sheep Guano in 50-lb. sacks at \$1.50 each; 25-lb. sacks for \$1.00.

### GENERAL FERTILIZERS.

	Per 100 lbs.
Bone Flour .....	<b>\$2.50</b>
Land Plaster .....	<b>1.25</b>
Blood and Bone .....	<b>1.75</b>
Nitrate of Soda .....	<b>5.00</b>

If wanted in larger quantities, ask for prices.

### FERTILIZERS.

**Armour's Lawn Fertilizer**—The first application should be made early in spring, or even in the winter,

and again in June or July; do this before a shower, if possible.

Use 25 pounds to 1,000 square feet of surface. **25-lb. package, \$1.00; 50 lbs., \$1.50; 100-lb. sack, \$2.50.**

### ARMOUR'S FLOWER FOOD.

An excellent food for flowers and house plants, insuring a steady growth, healthy foliage and early bloom. **½ lb. pkg., 15c; 1 lb. pkg., 25c, not prepaid.** If to go by mail, add 1c per ounce.

## HARNDEN'S LAWN GRASS MIXTURES

### For Lawns, Shady Nooks, Polo Grounds and Ball Grounds

Nothing is more attractive than a well-kept velvety lawn. We have many beautiful residences in Kansas City, but few artistically designed, well kept lawns. This can only be done by keeping everlastingly at it. Use plenty of fertilizer and good, fresh seed.

In places where the sun will reach your lawn, blue grass will thrive and do well, but in places that are shaded between houses and under trees we recommend our best mixture of Harnden's Evergreen Lawn Grass. It is one of the finest mixtures on the market. Contains grasses essential in making a beautiful, firm, elastic greensward. To succeed in having this lawn after you have started it, it is necessary to use good pure seed and weed-free fertilizer.

There is no comparison between a lawn that is sodded and one that is thoroughly prepared and sowed with seed. Most of the sod that is used is full of different kinds of weeds. When it is laid in dry weather crevices appear, around which the grass dies out, and it does not give a smooth and fresh appearance as when well prepared and sowed with good seed.

Our mixture of lawn grass is composed of short evergreen grass adapted to our climate and made up of finest grasses obtainable suitable for large or small lawns, terraces, embankments, shady places, golf links, parks and polo grounds. Special prices given to parties buying in larger quantities. **Price: per lb., 30c; 3 lbs., 75c; 7 lbs., \$1.60; one bushel of 14 lbs., \$3.00.**

#### Quantities to Use.

1 lb. for	350 square feet.
5 lbs. for	1,750 square feet.
10 lbs. for	3,500 square feet.
15 lbs. for	5,250 square feet.
25 lbs. for	one-fourth acre.
50 lbs. for	one-half acre.
100 lbs. for	one acre.

If intended for renovating an old lawn, about half the above quantities are sufficient for the given spaces.

**Harnden's "Shady Nook" Lawn Grass**—This grass seed is a special mixture for bare spots and under shade of trees. It is composed of dwarf varieties, which in their wild or native state are found growing in woods or shady places. This is mostly adapted for new lawns which must be spaded well from eight to ten inches deep, thoroughly enriched with fertilizer, soil pulverized and prepared with good germinable seed. **Price, per lb., 35c; 3 lbs., \$1.00; 7 lbs., \$2.00; per bu., \$4.00.**

**Harnden's Special Grass Seed Mixture**—For Golf Links, Polo and Ball Grounds. It forms a thick turf that will stand hard usage, and grows quick. If the soil is favorable and given proper attention can be used from eight to ten weeks after sowing. Sow seventy to one hundred pounds per acre. **Per lb., 20c; 3 lbs., 50c; 7 lbs., \$1.50; 100-lb. lots, \$16.00.**

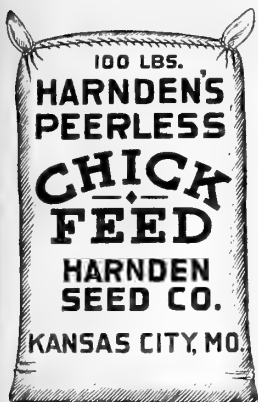
**Fancy Kentucky Blue Grass**—This grass is widely advertised and is an ideal grass for lawns where the ground isn't tramped over much and where the sun reaches it every day. It is slow to thicken and forms a good sward. It does not hold its color as well as the lawn mixture in hot weather. **Price, 25c per lb.; 3 lbs., 65c; per bu., \$2.50.**

**Canadian Blue Grass**—This blue grass is a native of Canada, but does well in our climate. Resembles the Kentucky blue grass, but has a green appearance instead of blue. It is quick to grow and produces a neat lawn when mixed with Red Top and White Clover. This is grass generally sold as blue grass, but it is entirely different from Kentucky blue grass. **Price, per lb., 20c; 3 lbs., 50c; 7 lbs., \$1.10; 1 bu. of 14 lbs., \$2.00.**

**White Clover**—Used extensively on lawns and will thrive on poor soil with less attention than most other grasses. To those who like the white clover mixture we offer fancy seed in none to five pound lots at 45c; ten lb. lots and over, 40c per lb.



## POULTRY SUPPLIES



### Harnden's Peerless Chicken Feed

A prepared balanced ration feed. Especially adapted for feeding young chicks. Contains sweet and tender cracked grains, seeds and cut oatmeal and other ingredients that are best adapted to give nourishment to growing chicks. Each article is carefully selected with the view to its quality, soundness and adaptability of the young chick. It is a complete feed, requiring nothing in addition except green feed, grit and water. 3c per lb.; 50 lb., \$1.25; 100 lbs., \$2.50.



### Harnden's Peerless Hen Feed

Harnden's Peerless Hen or Scratch Feed is a balanced ration containing a large percentage of egg producing material, it is composed of selected grains, well dried and matured, and is especially adapted for fowls during the winter and moulting season. By feeding Harnden's Peerless Feed you will keep your flock in a healthier condition on account of the balance of the ration and because of the digestion of the food. \$2.00 per cwt.



### Harnden's Peerless Mash Feed

It is the best balanced ration for Dry Hopper Feeding: is best when kept before the fowls dry in the hopper all the time. It may also be fed wet as a morning mash, whether for Chickens, Pullets, Hens, Cockerels, Capons, Ducks, Turkeys or Geese. All the ingredients it contains are of the best, and it is therefore especially valuable as a food for breeding fowls and ducks. You may mix your table scraps if you wish. If fed according to directions will not fail to give perfect satisfaction. No feed in existence equals it to make hens lay. Specially valuable for winter feeding.

#### LESS FEED AND MORE EGGS.

Harnden's Mash Food will feed further than similar preparations on the market, and if fed according to directions will give you an abundance of eggs all the year around. It is being fed daily to thousands of poultry. Eggs are high in price, and every poultry raiser should be interested in getting more eggs at less cost. Order a bag at once. Harnden's Mash Food is cheap to feed. 10 lbs., 30c; 50 lbs., \$1.30; 100 lbs., \$2.50.

### Harnden's Peerless Pigeon Feed

A prepared balance ration Feed. Especially adapted to the growth of young pigeons and squabs. Mixed with cracked corn, wheat and field peas. Makes the best general feed for all kinds of fancy and domestic pigeons. Keeps the birds healthy and develops shape, style and plumage to a remarkable degree. As a foundation food it has no equal. 10 lbs., 30c; 50 lbs., \$1.25; 100 lbs., \$2.25.

Canada Peas for pigeons—Pk., 75c; ½ bu., \$1.40; bu., \$2.75.

Hemp Seed for pigeons—10 lbs., 60c; 25 lbs., \$1.25; 100 lbs., \$4.75.

Wheat for pigeons—Ask for prices.

## POULTRY SUPPLIES—Continued

### Ground Beef Scraps

Especially prepared for poultry food; not common meat scraps; feed three times a week, at the rate of about a handful to every three birds. Two grades—fine or coarse. 6 lbs., 25c; 10 lbs., 40c; 100 lbs., \$3.50.

### Blood Meal

Pure Blood Meal, or dried blood, is a great protein-carrier and as an egg producer it stands high on the list. The grade we offer is especially prepared by a process which eliminates disease germs and other undesirable elements. 6 lbs., 25c; 10 lbs., 40c; 100 lbs., \$3.50.

### Crushed Bone

Raw Bone Meal (Fine or Coarse.)

It is made from fresh bones from which the moisture has been taken, leaving nothing but the phosphates, lime and protein. Bone is especially valuable as an egg producer. 4 lbs., 15c; 8 lbs., 25c; 100 lbs., \$3.00

### Charcoal---Granulated

The grade we are offering is the best obtainable, and must not be compared with that made for fuel purposes. We carry in stock two sizes, namely, coarse and fine. 6 lbs., 25c; 50 lbs., \$1.60; 100 lbs., \$3.00.

Comes 50 lbs. to the sack.

### Alfalfa Clover Meal

This is today considered an absolute necessity, and is the standard "green" for winter egg production. 8 lbs., 25c; 25 lbs., 65c; 50 lbs., \$1.15; 100 lbs., \$2.00.

### Flax Seed Meal

Made from pure ground flax seed. 3 lbs., 25c; 10 lbs., 75c; 100 lbs., \$5.50.

### Oil Cake Meal

Made from pure ground flax seed with the oil pressed out. 6 lbs., 25c; 10 lbs., 40c; 100 lbs., \$3.00.

### Gluten Meal

You should use Gluten Meal in your mash feeds; it is a bi-product of starch and will keep your poultry in good condition. Helps to digest their food. 4 lbs., 15c; 8 lbs., 25c; 50 lbs., \$1.25; 100 lbs., \$2.25.



Gluten Meal Makes Us Feel Good.

### Rolled Oats

Especially good for young chicks and is used a great deal in mash feeds by our large poultry raisers. 5 lbs., 25c; 10 lbs., 45c; 100 lbs., \$4.00.

### Steel Cut Oats

Steel cut oats are also fed to young chicks; should be mixed in with the regular chick feed two or three times a week. 6 lbs., 25c; 10 lbs., 40c; 100 lbs., \$3.50.

### Crys-Co Grit

CRYS-CO not only answers the purpose of a grit, but is one of the best egg producers ever put on the market. Contains a high percentage of limestone; comes in three sizes: chick size, broiler size and large size. 15 lbs., 25c; 50 lbs., 50c; per 100, 85c.



### Crushed Shell for Poultry

This is not clam shell; a great many firms are offering oyster shells at a cheap price and shipping clam shells, which are very inferior as a poultry food.

**Advantages gained by the use of it**—It acts as a grit and prevents cholera and other diseases. It makes the hens lay more. It prevents soft shells. It contains many essential compounds of the egg. It makes eggs larger and heavier. Is sharp and clean and contains 95 per cent of carbonate of lime, as shown by the chemical analysis. Send us a trial order. You cannot afford to be without it. 15 lbs., 25c; 50 lbs., 50c; 100 lbs., 85c.

## POULTRY SUPPLIES—Continued

### Sanitary Feeding Boxes and Troughs, Watering Cans, Coops and Nests

Sanitary poultry devices are being used more every year by the large raiser and also those who raise a few chickens in his back yard. We are beginning to realize that the best way to keep disease from our poultry is to prevent it from starting. If you use sanitary feeding boxes and troughs for both dry and mash feeds, sanitary watering can and nests there is no reason why you should not prevent diseases.



#### Sanitary Self Feeding Box

Made of galvanized iron. Saves waste; holds four quarts.

Per dozen .....\$5.50  
Each. . . . . .50

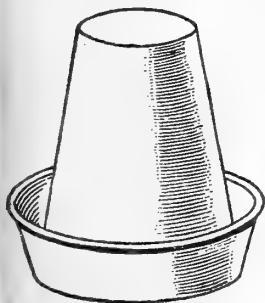
#### Star Wall Fountain

This Fountain is made of best galvanized iron. Will not rust and will last years. Quick and easy to fill and convenient to carry.

1 qt. ....\$0.30  
2 qt. ....40  
1 gal. ....50  
2 gal. ....75



#### Eclipse Drinking Fountain



One and two quart sizes are fine for brooder use as pans are low for chicks and they cannot get in and get wet. Pans are made of one piece. This fountain will give good satisfaction. Made in four sizes.

1 qt. ....\$0.25  
2 qt. ....35  
1 gal. ....50  
2 gal. ....75  
Special prices in dozen lots.



#### Mason Jar Feeder and Fountain

Any size Mason glass jar fits it. We do not furnish the jars, as everybody has them on hand, thereby saving the extra expense.

Each. . . . . \$0.20  
Per doz. . . . . 2.25



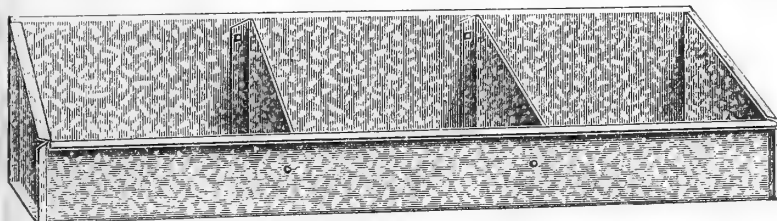
#### I. X. L. Wall Feed Trough



This trough is made of galvanized iron in five sizes. No one raising chickens should be without them. Just the thing for mash feeding. Also used for water and dry feeding.

No. 0 12 inches long, 2½ inches deep; price.....\$0.20  
No. 1 18 inches long, 3½ inches deep; price..... .25  
No. 2 24 inches long, 3½ inches deep; price..... .30  
No. 3 30 inches long, 3½ inches deep; price..... .35  
No. 4 45 inches long, 3½ inches deep; price..... .50

#### W-K Sanitary Chicken Nest



No more mites in your chicken nest, as lice cannot live in a metal nest.

The W-K Nest is sanitary, light and airy. It is cheaper and better than a wooden nest. Size each nest 11x11 inside; total outside 36 in.

Each . . . . . \$ 1.00  
Per dozen . . . . . 11.00

## POULTRY SUPPLIES—Continued

### Hand Grinding Mill



In this mill are embodied all the good features of other hand grinding mills to which have been added universal burrs or grinding plates that are adjustable for grinding coarse or fine. This machine grinds oats, barley, rye, corn, peas, dry bone, shells, etc., for feeding to poultry. It is a well designed machine, is strong and well made throughout and of excellent finish, has a 16-inch fly wheel and is light running.

Shipping weight, 40 pounds.

Capacity, 1 or 2 bushels per hour. Each .... \$4.50

### Leg Bands



Champion Leg Band.

"Champion"—See cut. Made of aluminum, adjustable to fit any fowl, in two sizes, 3-inch and 4-inch.

12 for .....	\$0.15
25 for .....	.30
50 for .....	.50
100 for, postpaid .....	.90

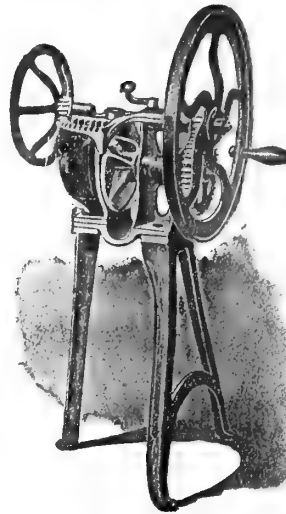
### ALUMINUM PIGEON AND BANTAM BANDS.



Pigeon Bands made from aluminum are put on safely when the birds are young. They are very light, and the style offered above is the best on the market. It pays to band your pigeons to prevent them from getting mixed with your neighbor's birds.

Made solid, as shown in cuts. In ordering Bands state size and style wanted. Doz., 20c; 25 for 35c; 50 for 65c; 100 for \$1.00, prepaid.

### Humphrey's Bone Cutters



The only bone cutters that are practical vegetable and kraut cutters.

No. 1 .....\$12.00

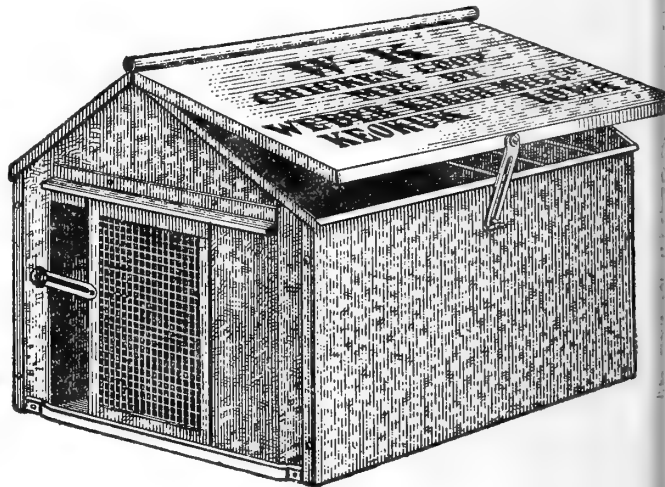
No. 2 Small Power  
..... 14.50

#### HUMPHREY'S CLOVER CUTTER.

A machine that will cut clover or alfalfa any size.

Price, each ....\$11.00

Humphrey's Bone Cutter.



### Save the Chickens

THE W-K COOP DOES IT.

Each .....	\$1.50
Per dozen .....	17.00

Our Galvanized Iron Coop won't rust, and will last a lifetime.

It is Rat, Weasel, Mink and Skunk proof and Mites cannot live in an iron house.

It is dry and won't absorb moisture.

It is easily cleaned and is perfectly sanitary.

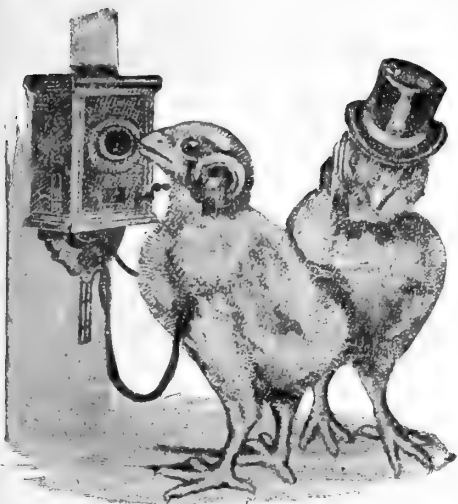
It is put together in grooves and slides, and is held solid simply by small bolts, which may be removed and the coop taken apart in a few seconds. The bottom simply slides in and may be removed and cleaned without lifting the coop, disturbing the chickens or soiling your clothes.



## POULTRY SUPPLIES—Continued

Hello!

We MUST  
Have  
Harnden's  
Peerless  
Chick Feed

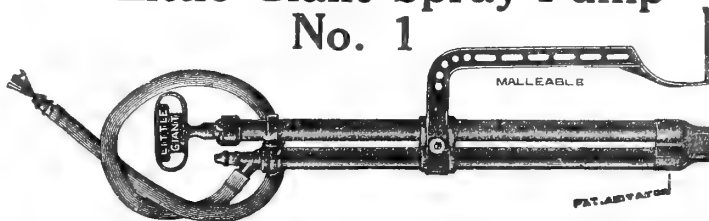


Chicken Pox, Limber Neck, Scaley Leg, White Diarrhoea, Poultry Worm, 5c on 25c pkgs. Rouse Cure, Head Lice Ointment, Cholera Cure, 5c on 10c pkgs. Head Lice Ointment, Sulphur Candles.

Poultry Tonic, Lice Powder, Lice Liquid, Noxicide, Laying Tonic, too heavy to go by mail, can ship with other goods by freight or express.

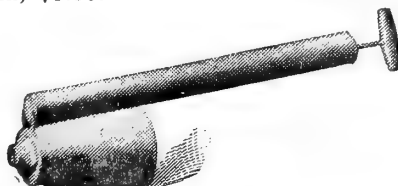
Conkey has a separate individual cure for each disease. Consider the value of this fact alone.

## Little Giant Spray Pump No. 1



Constructed entirely of brass; all labor is done on the downward stroke; provided with large air chamber and ball valves, so that the nozzle throws a continuous spray.

The best pump for spraying your chicken house, etc., with whitewash. Very strong and throws a steady spray. Price, each, \$3.00.



Every household will have one when they know its value. It is adapted for all kinds of purposes, either for plants in the open field or house plants, shrubs, etc.; for spraying walls infested with insects, roosts of poultry houses, etc.

No. 104—Made of heavy tin, each.....\$0.50

## Conkey's Lice Killer

Conkey's Lice Powder, 15 oz. can, each .....\$ .25  
Conkey's Lice Powder, 48 oz. can, each ..... .50  
Conkey's Lice Powder, 100 oz. can, each ..... 1.00  
Conkey's Liquid Lice Killer, 1 qt. can, each ..... .35  
Conkey's Liquid Lice Killer, 2 qt. can, each ..... .60  
Conkey's Liquid Lice Killer, 1 gal. can, each .... 1.00  
Conkey's Liquid Lice Killer, 5 gal. can, each .... 4.00

Noxicide in 35c and 60c cans the best disinfectant for spraying barns, chicken houses on the market.

### CONKEY'S BIG 72 PAGE POULTRY BOOK FREE.

This is a book that every poultry raiser should have and no poultryman who has ever had a copy would be willing to give it up at any price. Highly endorsed by the expert and thoroughly appreciated by the amateur. It is practical, helpful, concise and complete. In plain, common sense terms it treats the whole subject from the profit making angle. It deals with the important questions of housing, breeding, feeding, incubation, diseases, in a sensible, practical manner that will save your money and insure success if you follow its simple instructions. The 72-page edition regularly sells for 50 cents, but it's your free, for 4 cents in stamps to cover postage.

## Pratt's Poultry and Stock Remedies

We carry a full supply.

## Conkey's Poultry Remedies



**Conkey's Roup Remedy.** This is the best known remedy for Roup. Every civilized country of the world knows and uses it as the one reliable means of curing Roup, when given in anything like reasonable time. It is a tonic, and a preventative. You should have it on hand to use at the first signs of the trouble, though it generally cures even in advanced stages of the disease. It kills the germ, purifies the blood and tones up the general health of your flock. Nothing is made that is so dependable

and promptly effective. 25c, 50c, \$1.00 per package.

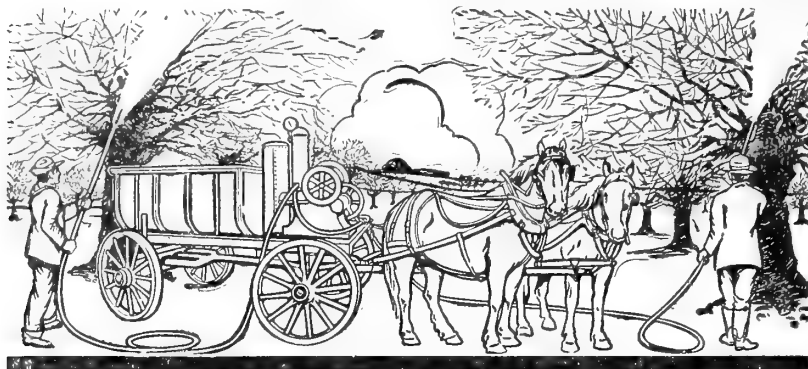
**Conkey's Laying Tonic.** This actually makes hens lay without harming them. It is not a food in itself, and you escape paying for bran and middlings, which comprise the bulk of inferior egg-producers, and which you can supply for less money from your own bins. There is not one particle of filler in this tonic. It means vigor in your fowls, which is the greatest egg-producer known. 1½ pounds 25 cents; 3¼ pounds 50 cents, 7 pounds, \$1.00; 25 pound pail, \$3.00. Expressage extra.



White, Diarrhoea Remedy ..... 50c  
Bronchitis. .... 50c  
Cholera Cure ..... 25c and 50c  
Chicken Pox ..... 50c  
Limberneck ..... 50c  
Scaley Leg ..... 50c  
Noxicide. .... 35c and 65c  
Sulphur Candles ..... 10c  
Poultry Tonic ..... 25c and 50c  
Head Lice Ointment 1 oz., 10c; 3 oz., 25c.

Poultry Worm ..... per pkg., 50c  
If to go by mail add 7c postage on 50c pkgs. Bronchitis, Roup Cure,

# INSECTICIDES AND SPRAYERS



## SAVE YOUR FRUIT FROM DAMAGE.

**Arsenate of Lead**—The widespread increase of the codling moth and other insects injurious to fruit trees causes an annual loss to growers of seven million dollars per year. The surest way to protect your fruit from being wormy or badly damaged is to carry out a regular plan of spraying. The New Process of Arsenate of Lead is a general insecticide for all leaf-eating insects. It contains arsenate in exactly the right proportions and the proper chemical combination to insure sure death to insects feeding on the leaves. Prices as follows:

Barrels 200 lb. and 400 lb., per cwt.	\$10.00
Keg 100 lbs., per cwt.	10.50
Kegs 25 lbs., per lb.	.12
5 lb. jars, per lb.	.15
1 lb. glass jars, per lb.	.25



## "Kant-Klog" Rochester Sprayer

Made of brass or galvanized steel tested under double the ordinary pressure and gives a finer spray for a greater length of time than any other sprayer made. Air pump is two inches in diameter and made of heavy brass. Hose couplings are solid brass, standard cut threads. Safety-valve allows air to escape after necessary pressure is obtained. The "Kant-Klog" nozzle makes two bell sprays, two sizes of straight streams, and one flat spray. This is the only nozzle that can be successfully cleaned without stopping the spray or removing the nozzle from the hose.

The machines will supply sufficient spray to enable the operator to work as fast as he can walk.

Brass Body	\$5.50
Galvanized Steel Body	4.00

## INSURE AGAINST SCALE BY SPRAYING.

San Jose Scale is a factor that nearly every orchardist, farmer and fruit grower must recognize. As a progressive grower you must fight the scale until you have it under control. When once it infests your trees, if left alone, it will never let up until it has killed every tree. The one sure way to control this is to spray while your trees are dormant with Lime Sulphur which protects your orchard from this pest. It is a clear, cherry-colored liquid that will not clog up the spray nozzle, and can be used successfully as spray for fungus diseases and for sucking insects. We price this to you as follows:

Barrel lots, per bbl.	\$9.50
5 gallon cans, at 35c per gal.	1.75
1 gallon cans	.50
1/2 gallon cans	.35
1/4 gallon cans, each	.25

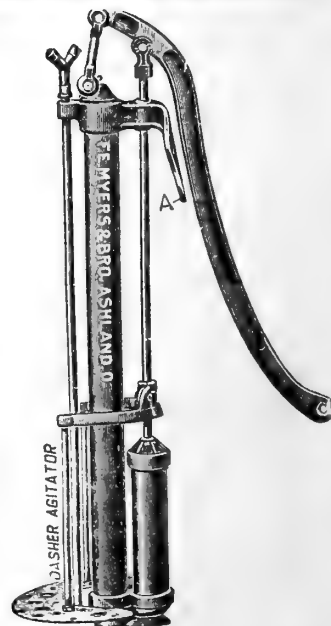


## Lightning Compressed-Air Spray Pump

NO. 25.

The Lightning Barrel Spray Pump has great capacity and will throw a solid, continuous stream or any size spray desired. The air is compressed into the air chamber, thereby giving an unbroken stream; with one stroke of the pump handle the pressure is retained so that the working of the pump handle is very slow, and yet giving a great force of water, which is accomplished by the compressed air chamber, making it the most rapid spray pump made.

The agitator thoroughly stirs the liquids and prevents it from settling. It is provided with a brass strainer in the bottom of the suction barrel. The suction barrel is made of heavy brass, ground together so that all parts fit absolutely air tight, and will not corrode or rust out. This pump is easily and quickly adjusted to any barrel, provided with means of bolting to the staves of the barrel at the upper end. Price, \$7.00.





### Scollay Rubber Plant Sprinkler

Both Straight and Angle Neck

The Scollay Plant Sprinklers are made of rubber, with flat bottoms which admit of their standing upright when not in use. They can be used for sprinkling plants, cut flowers; also for dampening clothes, carpets and for disinfecting purposes.

Price. (Add 10c postage if to go by mail.)

No. 1—12 oz. capacity, each.....	\$1.00
No. 2—7 oz. capacity, each.....	1.00
No. 1—Angle neck, 12 oz. capacity.....	1.00
No. 2—Angle neck, 7 oz. capacity.....	1.00

### SCOLLAY'S PUTTY DISTRIBUTOR.

Price.....	\$1.00
Liquid Glazing Putty, per 16 lb. can.....	\$1.50



### ONION HOE.

Jackson.....	25c
Postpaid.....	35c



### PRUNING SHEARS.

Pruning Shears, common.....	50c, 75c, \$1.00
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### HOT BED THERMOMETER.



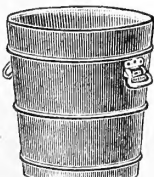
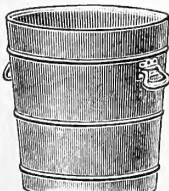
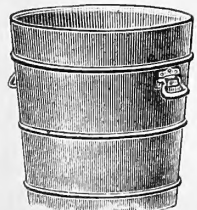
Wood frame with handle, 16 inches long; brass pointed ferule, glass cylinder, band written scale.

Each.....	\$1.25
Postpaid.....	1.40

### THE VALUE OF A GOOD SEED SOWER IS ALMOST INCALCULABLE.

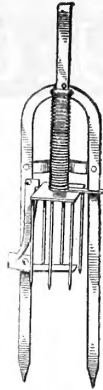
A good Seed Sower will pay for itself in sowing a few acres, both in the saving of seed, beside work is easily done, and in about one-fifth of the time that would be required to sow it by hand. Price, express or freight, not prepaid:

Cyclone.....	\$1.75
Little Wonder.....	1.25
Chicago.....	1.50
Cahoon.....	3.25



Each 20-inch, \$2.25	18-inch, \$2.00	16-inch, \$1.50	14-inch, \$1.25	12-inch, \$1.00	10-inch, \$.85
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Inside Measurement.



### WEEDERS.

Weeder, Hazeltine.....	25c
Excelsior Weeder.....	25c
Postpaid, 10c extra.	

### MOLE TRAPS—LITTLE GIANT.

Always catches them, each.....	75c
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### TROWELS.

Steel, 6-inch.....	30c
Steel, 8-inch.....	35c
Common.....	25c

### DIBBER.

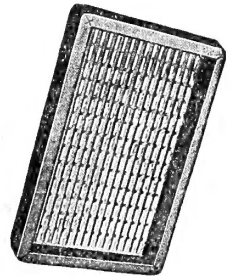
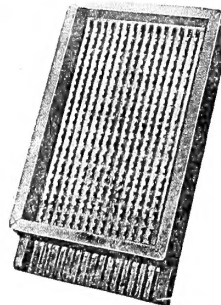
For transplanting; steel point.....	30c
Postpaid.....	40c

### LANG'S HAND WEEDER



HANDIEST TOOL ON EARTH. 30¢ BY MAIL PREPAID

MAGNETIC HAMMERS—Each, 25c.



**HAND SEED CORN GRADER**—The most useful and necessary implement a corn grower can have. The Planters Patent Grader works like a charm. It gives you a good stand—that means more corn, more money. No corn planter can drop grains that are not regular. Order one of these graders. We have either the single or double screens, like cut. Prices: Single screen, \$1.00; Double screen, \$1.50.

### Cedar Plant Tub

This entirely new tub is by far the neatest, cheapest, lightest and best Plant Tub ever offered. Made of cedar, with electric welded hoops, painted green with drop handles, presenting a very neat appearance. Just the tub for large or small specimen plants of any kind; will not break in shipping, and always presents a neat appearance. This tub will insure a great saving over pots, no breakage and more artistic in decoration. The four large sizes are supplied with drop handles.

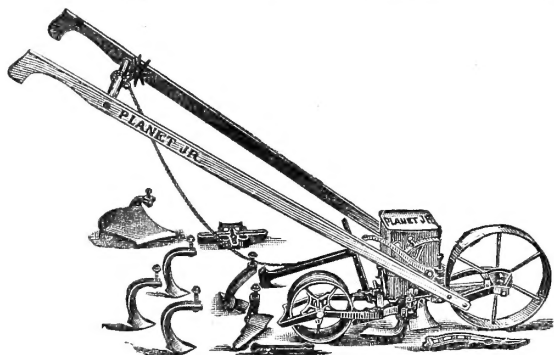


# Planet Jr. Garden Tools



64 page Planet Jr. catalog mailed free on application.

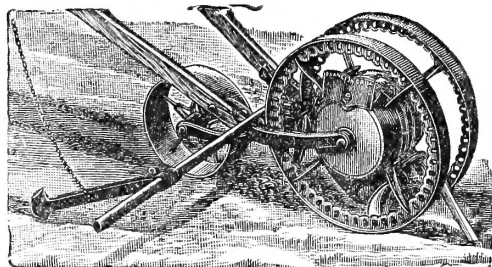
## No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow



This tool combines in a single convenient implement, a capital hill-dropping seeder, a continuous row seeder, an admirable single wheel hoe, an excellent furor, a capital wheel cultivator and a rapid and efficient wheel garden plow. In a word, with a great variety of tools, excellent in design and quality, it is without an equal for easy adjustment, lightness, strength and beauty.

Weight 51 lbs. Price Complete.....\$10.50  
Hold 2½ Quarts as Seeder Only..... 8.50

## No. 2 Planet Jr. Drill Seeder

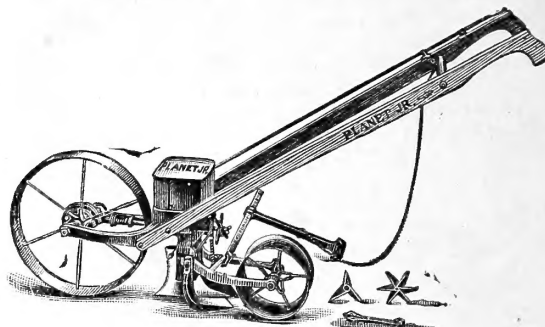


The No. 2 is one of the first really good seed drills ever made in the United States. It has given excellent satisfaction for thirty years, and continues to do so today. Price \$7.50. Holds 3 Quarts. Weight, packed, 38 lbs.



No. 4. Drill in the Family Garden.

## No. 3 Planet Jr. Hill and Drill Seeder



The No. 3 driving wheel is steel with heavy forged steel spokes, not "piano wire," of proper height, with broad face, making the tool light and easy running, even with the hopper filled to the brim.

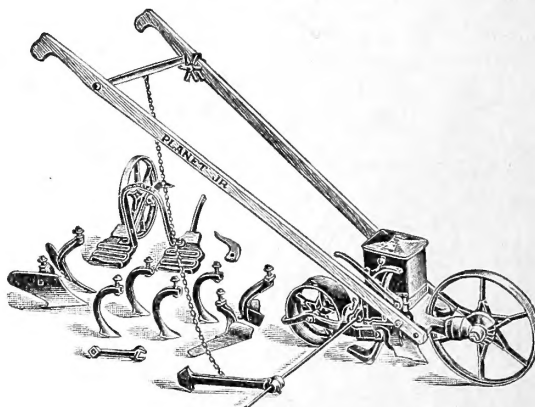
The special force feed is admirable, working equally well whether sowing with an ounce or a full hopper.

The hill dropping is simple and reliable; making hills either 4, 6, 8, 12, or 24 inches apart.

A favorite among onion growers, market gardeners and seedsmen.

15-inch Steel Driving Wheel. Holds 3 Quarts of Seed. Weight, packed, 44 lbs. Price.....\$10.00

## No. 25 Planet Jr. Combined Hill and Drill Seeder and Double Wheel Hoe, Cultivator and Plow.



This new combined machine is intended for gardeners who have a large enough acreage in crops for a Double Wheel Hoe to be used to good advantage, and yet prefer not to buy seeders and wheel hoes separately.

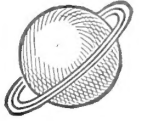
As a seeder it is practically the same as the Planet Jr. No. 4; will sow in drills any thickness or drop in hills 4, 6, 8, 12 or 24 inches apart, and has the same feed, hill dropping mechanism, and automatic device for stopping the feed, and has also the new seed index. It is thoroughly substantial and is accurate in planting all kinds of garden seeds in either hills or drills.

Weight, packed, 59 lbs. Holds 2½ Quarts of Seed. Price \$13.00.





# Planet Jr. Garden Tools



Planet Jr. Tools are better made, better finished and capable of more work than any others.

## No. 12 Double Wheel Hoe, Cultivator and Plow.

Price \$6.50. Weight, 32 lbs.



This tool has one pair plows, one pair hoes and two pair cultivator teeth. The tools sold with No. 12 are what gardeners use most, and others can be added as wanted.

## No. 13 Double Wheel Hoe

Price, \$4.75. Weight, 27 lbs.

This tool is the No. 12, with 6-inch hoes only, these being the tools that are most generally useful. Any or all of the other tools shown with No. 12 may be added at any time.

## No. 13½ Planet Jr. Double Wheel Disc Hoe

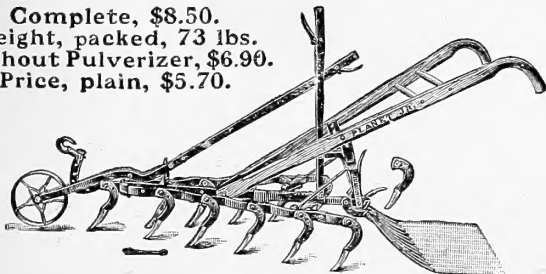
Price, \$5.50.  
Weight, 32 lbs.



This tool has one pair of discs and one pair of leaf lifters only.

## Planet Jr. Twelve-Tooth Harrow, Cultivator and Pulverizer

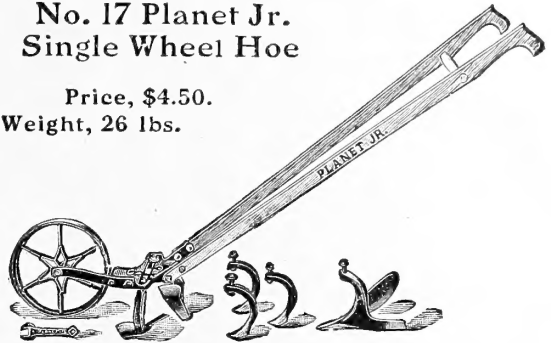
Complete, \$8.50.  
Weight, packed, 73 lbs.  
Without Pulverizer, \$6.90.  
Price, plain, \$5.70.



Gardeners cultivate better than formerly. It has been found to pay best. With the Twelve-Tooth Harrow you go as deep or shallow as you like, come up close to row without injuring plants, cut out all the weeds, stir the soil and mellow and fine it as with a garden rake. You widen and narrow as you please between 12 and 32 inches. It's a special favorite with strawberry growers, market gardeners and truckers.

## No. 17 Planet Jr. Single Wheel Hoe

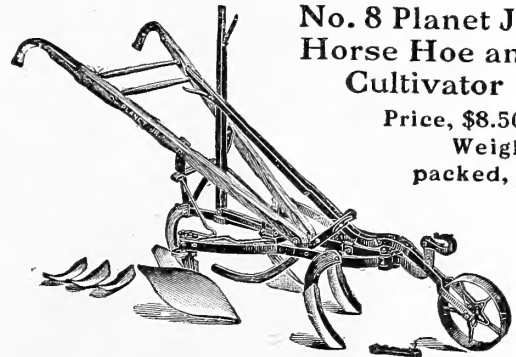
Price, \$4.50.  
Weight, 26 lbs.



You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

## No. 8 Planet Jr. Horse Hoe and Cultivator

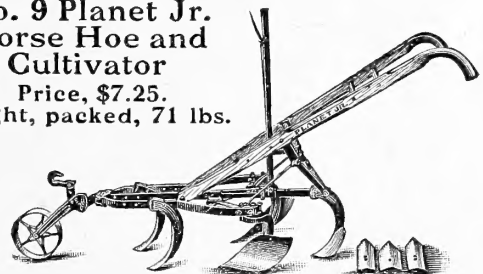
Price, \$8.50  
Weight, packed, 82 lbs.



No other cultivating machine is so widely known as the Planet Jr. Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle. It opens and closes furrows, hoes right up to the plants without danger of injuring, throws dirt to or from the row and throws back from centre again. You can cultivate to any depth desired, and adjust for any width. Every part is perfected to make the tool acceptable to the intelligent farmer who knows the best is always the cheapest.

## No. 9 Planet Jr. Horse Hoe and Cultivator

Price, \$7.25.  
Weight, packed, 71 lbs.



This admirable tool has a plain wheel instead of lever wheel. It has the high frame, patented hollow steel standards, patent lever Star wheel, patent lever expander, and hollow steel wheel arms.

# GARDEN, FLOWER AND FIELD SEED

*ONION SETS,  
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